ALBERTA INTERN[illegible]ONAL

EDUCATION, AND TRAINING

INDEX

Alberta
ECONOMIC DEVELOPMENT
AND TRADE

93-01489/

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INTRODUCTION

As we approach the 21st century, one of the greatest challenges facing businesses is the rapid pace of change. Workers and management are required to constantly update skills or learn new skills. Organizations search every corner of the world for effective training services to ensure their personnel have what it takes to be internationally competitive.

Companies can find what they need in Alberta. The province is an exceptional source of expertise, offering a range of training services from agricultural to computing techniques. A recognized world leader in the oil and gas industry, Alberta has many training organizations in all areas of this industry. Other areas of specialization include public service and administration.

The Alberta Training Services Index is a directory of over 70 companies and institutions providing applied, job-related training. The Index is divided into four sections: Training Organizations, Oil and Gas Training, Other Specialized Training, and Post-Secondary Institutions.

Alberta Economic Development and Trade is proud to assist in presenting these excellent training services to you, and encourages you to take advantage of what Alberta has to offer.

If you are interested in training services, you should contact the sponsoring organization directly. If you require further information on specialized course development, please write or contact:

Mr. Joe Hak
Director, International Education, Training and Services
Alberta Economic Development and Trade
11th Floor, Sterling Place
9940-106 Street
Edmonton, Alberta
Canada T5K 2P6
Telephone: (403) 427-4809
Telex: 037-2197
Facsimile: (403) 422-9127

Please note that unless otherwise noted, fees or costs are listed in Canadian dollars, and accurate as of August, 1990. If training fees or costs are not listed, it usually means that program or course fees are to be negotiated between the training organization and the client. In any event, tuition fees and other financial aspects should be confirmed when arrangements are being made.

In most cases, the capacity of the companies or institutions to accommodate overseas participants is limited, particularly for Alberta-based training, so it is important to allow for adequate lead times when scheduling training.

ALBERTA - THE PROVINCE

The westernmost of Canada's three prairie provinces, Alberta comprises an area the size of Germany, the Netherlands, Belgium, Luxembourg, Switzerland, Denmark, and Sweden combined. Alberta has some of the most beautiful scenery in the world - a collage of mountains, foothills, lakes and prairies.

Alberta boasts the fourth largest economy in Canada. Long known as Canada's energy province, Alberta has 82% of Canada's on-shore conventional crude oil reserves, 85% of its conventional natural gas reserves and 60% of its coal. The province also has a very strong agricultural sector. With only 10% of Canada's population, Alberta produces more than 20 per cent of Canada's total annual agricultural output.

The province has capitalized on its strengths in agriculture, energy, and resource-based industries to develop a dynamic and diversified economy. Over the past two decades, Alberta has experienced tremendous growth in such industries as petrochemicals, forest products, electronics, telecommunications, computer services, plus a range of business services, and tourism. As well, the province is gaining a worldwide reputation for developing leading-edge technology - from aerospace equipment to advanced pharmaceuticals.

Environmental issues have become increasingly important to every Albertan. The province is a Canadian leader in setting environmental policies to protect its valuable resources.

Of all Alberta's strengths, the most important is human resources. The province has a population of 2.4 million. The workforce of 1.3 million people has Canada's highest per capita productivity. And Albertans are among the best educated in North America, a reflection of the excellent educational system and career development organizations.

Alberta is a favorite destination for relocating or expanding businesses, tourists or visitors, investors, and students.

TRAINING ORGANIZATIONS

ALPHATEL SYSTEMS LTD. DIVISION OF ROVELL ENTERPRISES LTD.

16814 - 114th Avenue
Edmonton, Alberta T5M 3S2
Ph: (403) 451-5761
Fax: (403) 455-4060
Contact: Dr. Robert A. Abell
Founded: 1981

Alphatel provides consulting services and product development in technology-based education and training. Alphatel can develop and implement paper-based, computer-based and/or video-based instructional material for any subject area. For computer-based training programs, Alphatel can provide technology, hardware and software to run in any computing environment. The company has experience in developing education technology for government and post-secondary institutions in Alberta.

Programs or Courses

Specializes in computer-based training and exhibits for a wide variety of subjects.

Staff

Staff is qualified in all areas of education and technology including computing, curriculum development, courseware development and testing, and distance education.

ATECS LTD.

#400, Grandin Park Plaza
22 Sir Winston Churchill Ave.
St. Albert, Alberta
T8N 1B4
Ph: (403) 459-2128
Fax: (403) 460-2988
Contact: Charles Schroder, President
Founded: 1977

Located in St. Albert, ATECS is an Alberta-based company serving western Canada and the Northwest Territories. ATECS is committed to providing quality seminars and workshops in a variety of areas. Because of their commitment to flexibility, they can modify their courses or develop entirely new ones to meet the needs of their clients.

Programs or Courses

ATECS offers a variety of seminars and workshops which are practical and work-related. Class size is kept to a maximum of twenty-five to enable the participants to ask questions, get answers, and solve problems. Individual attention is a priority in our interactive seminars. Programs are offered in the management, supervisory, and clerical fields as well as writing programs and workplace health and safety programs. "Training the Trainer"," Mind Management", "Stress Management", and "Wellness" programs are also offered. These programs are offered on a public basis as well as an in-house basis.

ATECS conducts training needs analyses, evaluates existing programs, develops new programs, and writes job procedures and job descriptions.

Staff

There are six full-time staff plus an array of contract instructors who are specialists in their field.

Facilities

Atecs has two seminar rooms complete with blackboards, flipcharts, and a complete range of audio-visual equipment.

THE BANFF CENTRE SCHOOL OF MANAGEMENT

P.O. Box 1020
Banff, Alberta T0L 0C0
Ph: (403) 762-6119
Fax: (403) 762-6422
Contact: Dr. Don Simpson, Vice President and Director
Founded: 1953 (Affiliated with The Banff Centre for Continuing Education)

The Banff Centre School of Management develops and delivers short-term professional development programs which focus on managing change for both public and private sector organizations.

The Centre works with managers at all levels to help them to understand the global forces

that are changing their operating environments; anticipate the impact of these new realities; develop a new strategic planning process; clarify the new skills required to implement new strategies; and consider dramatically different human resources structures to recruit, retrain and retain employees capable of dealing with rapid change.

Programs or Courses

Current programming focuses on a number of sectors including resource and environmental management, health care management, cultural resources management, organizational innovation and human resource management in the context of a global society.

Programs are offered on an open market basis and on a customized basis for individual organizations and industry sectors.

Staff

A core staff of professionals is responsible for program design, marketing, delivery and evaluation. The annual teaching faculty of 300 people is drawn from North American universities, businesses, governments, and the ranks of practising professionals.

Instructors are selected on the basis of their practical focus, professional qualifications and ability to work with experienced managers.

Facilities

Extensive facilities include accommodation capacity for over 350 (single rooms), classrooms, auditoriums, theatres, etc. These facilities are normally available from August through June of each year. There is a 16-station micro computer lab using IBM-PC XTs (with color graphics) plus a mobile teaching station equipped with modem and video projection unit.

BANFF SCHOOL OF ADVANCED MANAGEMENT (BSAM)

P.O. Box 1020
Banff, Alberta T0L 0C0
Ph: (403) 762-6126/6127
Fax: (403) 762-6499
Telex: 03-826657
Contact: Ms. G. Hadley, Administrative Officer
Founded: 1952
(Sponsored by the Universities of Alberta, British Columbia, Calgary, Manitoba and Saskatchewan)

BSAM provides advanced management training for middle and senior management. The program is designed to broaden perspectives, improve analytical skills and provide an overview of the nature of management functions. BSAM is specifically directed towards Canadians and Canadian institutions.

Program participants gain valuable insight into the structure of Canadian institutions and management practices. This is potentially of interest to overseas students who wish to develop trade contacts in Canada. Training capacity for overseas students is limited to approximately 10 to 15 participants per session. BSAM provides a unique opportunity for overseas participants to work closely with middle and senior-level executives from Canadian public and private institutions.

Programs or Courses

Advanced management training in the areas of human resource development, managerial functions, technology, economic environment and policy processes is offered.

Staff

Lecturers are drawn from participating and other universities. Most have doctorates and extensive experience in economic development programs.

Facilities

BSAM has access to the facilities of the Banff Centre which include residential and classroom space and computer terminals for assignments.

Training Fees

Six-week sessions are held twice a year at a cost of $11,500 per participant which includes tuition, text and course materials, accommodation and meals.

BASIC INTERNATIONAL TRAINING AND CONSULTING LTD.

**300, 933 - 17th Avenue S.W.
Calgary, Alberta T2T 5R6
Ph: (403) 245-8161
Fax: (403) 244-8826 (G3)
Telex: 038-22696 BICAN
Contact: H.W.R. McMillan, Senior Vice-President
Founded: 1982 (Affiliated with Basic Group of Companies)**

Basic provides services in the management and administration of educational, training and international procurement programs. Their approach is to study the clients' needs, then design a full program to meet them. The uniqueness of their service lies in covering all aspects of training programs (financing, facilities design where necessary, in-service training at the client's location, or training in North America). Basic understands the training needs of overseas adults, in the industrial area (petroleum, mining, etc.) as defined by the client.

Programs or Courses

Training programs are not limited by subject matter. Services provided are complementary to those of manufacturers and existing institutions. Involvement is in training needs assessment, design and implementation of human resource development programs, and custom-designed overseas courses delivered in clients' premises. Basic has delivered courses in oil production in Daqing, China; heavy machinery maintenance in Latin America; gas transmission, mining, fisheries, forestry, environment for India; and procurement for development in Latin America.

Staff

Staff have experience in education administration, special overseas and native Canadian training programs, and international procurement. Staff backgrounds include corporate and educational management, project management, law, architecture, and financial management.

CANADA TRAINING GROUP, INC./CANADA TRAINING GROUP INTERNATIONAL

**#240, 3015 - 5th Avenue N.E.
Calgary, Alberta T2A 6T8
Ph: (403) 248-2437
1-800-661-1663
Fax: (403) 273-0911
Telex: 038-21027
Contacts: D.B. (Dave) Smith, President, Canada Training Group, Inc. T.J. (Tim) Allan, President, Canada Training Group International. N. (Norm) Cooke, National Sales Manager
Founded: 1980**

Canada Training Group provides a broad range of specialized programs and services through its four associated divisions: Technical, Loss Control and Safety, Human Resources, and Equipment Operator. Canadian Training Group is one of the largest private training companies in Canada. An associated company, Canada Training Group International, markets Petroleum Engineering Programs to an international clientele.

Trainee programs have been presented across Canada with subject matter adapted to a variety of industrial settings.

Programs or Courses

Open seminars are offered at major cities and locations throughout Canada and around the world. The Technical Division offers engineering, electrical, electronic and mechanical maintenance programs. The Loss Control and Safety Division offers programs relating to safety for workers, supervisors and senior managers, as well as consulting on safety implementation and loss control management programs within the company. The Human Resources Division offers programs on management, communications and leadership. The Equipment Operator Division gives customized programs to train workers to operate their own mobile equipment on-site. Programs allow companies to schedule small groups or individuals to attend according to their training schedule. As well, Canada Training Group offers on-site training at the client's facilities. This provides the client with flexibility and cost-effectiveness in scheduling.

Detailed cost proposals, brochures and course outlines are available on request.

Staff
Canada Training Group has a staff of 40 consultants and support staff, each with their own area of expertise. Instructional staff for each division are carefully screened for experience, knowledge of topics and instructional ability.

Facilities
The company has 6,000 sq.ft. Training Centre at Head Office in Calgary, access to facilities across Canada as required, as well as on-site training at client premises.

CAVA MANAGEMENT CONSULTING SERVICES

#503, 10160 - 115th Street
Edmonton, Alberta T5K 1T6
Ph: (403) 482-7014
Fax: (403) 488-2747
Contact: Roberta Cava
Founded: 1982 - Edmonton, Alberta, 1986 - Maui, Hawaii

Cava provides public and customized in-house seminars in Canada, U.S.A., Australia, and South Africa through colleges, universities, public and private industry. Hands-on workshops and seminars range from one hour to three days. Longer courses usually have maximum of 30 participants.

Programs or Courses
Personal Development: Dealing with Difficult People (most popular seminar), Career Development for Women, Create a Positive Image, Take Command of Your Future, The Balancing Act, Effective Letter Writing, Interpersonal Skills, Coping with Stress, Dealing with Anger - Yours and Theirs, Dynamic Goal Setting, Get That Job.
Supervisory Skills: Survival Skills for Supervisors, Employee Discipline, Hiring Know-How, Easy Come - Hard to Go, Productive Meetings, Train the Trainer, Creative Problem Solving.
Time Management: for Supervisors, Support Staff, Life.
Clerical Training: The Professional Secretary, Receptionist Training.

Staff
All seminars are researched, prepared and presented by Roberta Cava, author of the books "Escaping The Pink Collar Ghetto - How Women can Advance in Business", and "Difficult People - How to Deal with Impossible Clients, Bosses and Employees".

THE CENTRE FOR TRAINING AND DEVELOPMENT (CTD) LTD.

123, 2723 - 37th Ave. N.E.
Calgary, Alberta T1Y 5R8
Ph: (403) 291-0980
Fax: (403) 291-9244
Contact: Mr. Dennis M. Heinzlmeir, P.Eng., General Manager Mr. Dick Trembath, Director, Northern Alberta Region
Founded: 1983

CTD is one of the acknowledged leaders in the field of improving employees' productivity, enhancing organizational effectiveness and increasing corporate profitability. To meet the unique needs of both individuals and organizations, CTD offers a diverse range of consulting and training services. CTD has received recognition from its numerous clients who have attended seminars, taken courses and utilized consulting services. CTD has worked with new emerging companies and multi-national companies. Clients come from all economic sectors such as oil and gas, advanced technology, manufacturing, service organizations, professional and government. CTD has offices in Calgary and Edmonton.

Programs or Courses
Workshops and seminars range from one to five days. Self-paced programs range from eight to sixteen weeks part-time. CTD has a full range of standard off-the-shelf programs. CTD also provides custom designed programs developed to specific client needs and delivered either at the client's site or at CTD's training facility.

Management and Supervision, Leadership Development, Communication Skills: Written and Oral communication, Media Interviewing Training, Meeting Management, Stress Management, Time Management, Customer Service, Professional Selling Skills, Negotiating Skills, Sales Management, Power Presentations, Decision

Making /Problem Solving, Team Building, Organizational Goal Setting, Innovative and Creative Thinking, Project Management, Total Quality Management, Quality Circles, Productivity and Quality Strategy.

Staff

The staff members of The Centre for Training and Development have achieved career success in functional areas such as engineering, manufacturing, management, communications, education, operations management, project management, marketing and computer information systems. Consultants have training experience in many regions around the world. These professionals have superior educational qualifications and experience in and outside of the consulting industry. Many have masters and doctorate level education in disciplines such as Business Administration, Management, Engineering, Computer Science and Education.

Facilities

A classroom for up to 25 students at CTD's training facilities is available. Courses can be conducted in client arranged facilities.

Training Fees

Training fees vary with type of program, duration and location.

COMPUTER BASED TRAINING SYSTEMS LTD. (CBTS)

135, 6715 - 8th Street N.E.
Calgary, Alberta T2E 7H7
Ph: (403) 275-1680
Fax: (403) 295-2045
(Instructional Systems Division of Campus America, Inc.)

CBTS develops, markets and supports learning management systems which are used in primary and secondary education (K-12), higher education (college, university) and corporate training.

The Learning Management System (LMS) supports the tasks of curriculum development, learner testing and progress monitoring. Expert systems application support is available via LMX, the Learning Management Expert. Comprehensive libraries of learning materials are available for the secondary, post-secondary and corporate sectors.

Programs or Courses

Classroom training sessions are offered year-round, with client support services available during regular business hours.

DANATEC EDUCATIONAL SERVICES LTD.

#300, 800 - 6th Avenue S.W.
Calgary, Alberta T2P 3G3
Ph: (403) 232-6950
Fax: (403) 232-6952
Contacts: Ed Pessah, Marilyn Bright, Bob Andrew
Founded: 1985

Danatec provides training services and publications on how to meet the requirements of federal Transportation of Dangerous Goods (TDG) and Workplace and Hazardous Materials Information Systems (WHMIS) legislations. Danatec's proven ability to clarify and explain regulatory requirements has led to the design and publication of instructor's manuals, employer's guides, student handbooks, "self-teach" programs and easy-to-read editions of governmental regulations.

Programs or Courses

A full range of programs are offered: TDG, WHMIS, and Hazardous Waste. Training can be completed, at Danatec's facilities. Danatec's publications include a Consolidation of the TDG Act & Regulations, TDG Drivers' Training Package, TDG "Self-Teach" Program for Shippers and Carriers, TDG Drivers' Handbook, TDG Field Guide and Permits for the Oil and Gas Industry, TDG "Self-Teach" Program for Transport by Bus, WHMIS Employers Guide, WHMIS "Self-Teach" Program and other support materials.

Staff

The principals of the company, Ed Pessah and Marilyn Bright, have extensive experience in transportation, occupational safety, environmental issues, training and program development. Other staff members

provide additional marketing, communications, technical, and quality control expertise.

THE INTERNATIONAL CENTRE (UNIVERSITY OF CALGARY)

The University of Calgary
Science A Room 147
2500 University Drive N.W.
Calgary, Alberta T2N 1N4
Ph: (403) 220-4509
Fax: (403) 289-0171
Telex: 03-821545
Contacts: Dr. Brent Ritchie, Director, Division of International Business. Dr. Melville Kerr, Director, Division of International Development. Dr. Titus Mathews, Director, Division of International Relations
Founded: 1986

Established at The University of Calgary in collaboration with business and government to enhance the University's role in international education, research and exchange. The Centre offers short seminars and workshops, dealing with a wide range of managerial, development, and technical topics. The Centre is also expanding its network of cooperation agreements with foreign universities.

Programs or Courses

Short-term (one day to three weeks) management seminars and workshops on various topics of international business are offered. Tailor-made seminars or courses on business and trade opportunities focussed on specific sectors and/or countries and regions are also available from the Centre.

Staff

The Centre draws on the University's expertise as well as expertise from the business community.

INTERNATIONAL INSTITUTE FOR ENGLISH STUDIES INC. (IIES)

P.O. Box 48052
St. Albert, Alberta T8N 5V9
Ph: (403) 460-1022
Fax: (403) 460-7205
Contacts: Mr. Brenton W. Hatch, President. Mr. Ross Chiles, Director of Programs
Founded: 1977 (Division of Evaluation Associations S.E.C. Inc.)

Provides English language immersion programs in North America for foreign students and business professionals.

Programs or Courses

Student Programs: These programs offer a unique opportunity for students of various ages to learn English and to experience North American culture while enjoying the magnificent scenery and beauty of Canada and the United States.
Business Programs: English is the "Language of the Information Age." With the current "globalization" of business markets, corporations are realizing the importance of English language skills for their employees. IIES provides an exciting blend of English language instruction and work experiences in North American corporations.
School Programs: The Institute offers support to public and private English language programs through ESL teacher training and curriculum development workshops. Their objective is to facilitate the improvement of English language instruction and programs around the world.

Staff

All of their programs are delivered by highly qualified and experienced staff members, many at the doctoral level.

LEARNING ASSISTANTS INSTRUCTIONAL SERVICES LTD.

P.O. Box 3148
Leduc, Alberta T9E 6L9
Ph: (403) 986-0038
Contact: James K. Black, Director

This company specializes in training and contract education in the form of courses, seminars and workshops for employee upgrading in business and industry. Their training programs are designed to meet your training objectives, and may be customized for differing skill and ability levels among the participants.

Programs or Courses

Learning Assistants has developed, piloted and copywritten training modules in English Literacy, Basic Business, Interpersonal Skills, Business Communication, Corporate Problem Solving, Introductory Accounting and the Computer, Career Development, Job Readiness, Mathematical Literacy, and Entrepreneurial Training, plus, Learning Assistants has implemented internal and external on-the-job training programs.

The company is also actively involved in research on a variety of new instructional materials in response to the training needs of government and industry at all levels.

Learning Assistants' strengths are in the quality and professional presentation of their competency assured instructional materials and their totally mobile programs that bring the information to those who need it most. Their modular materials are often used as 'refresher' courses for those away from the educational system for a number of years, or as an initial orientation to their more advanced skill development programs.

Staff

The company's instructional staff has a wide range of expertise and industrial experience, plus, they are all Alberta Certified Teachers.

Contact Learning Assistants for a complete listing of their current program.

THE TRAINING GROUP INC. (TTG)

#202, 4220 - 98 Street
Edmonton, Alberta T6E 6A1
Ph: (403) 462-6365
Fax: (403) 450-0186
Contact: Don Manuel, Ph.D.
Terry Harrison, M. Ed.
Founded: 1974

TTG provides a complete training system development service for industry. These systems are customized to site-specific equipment and processes in mining, oil, gas, refining, chemicals, pipelining, utilities, manufacturing, computer control, and maintenance. Training is designed to be operated by the client, integrated with operations, and easily updated electronically. Operator, technician and special safety training systems developed by TTG are now in use by numerous multinational corporations. TTG also develops interactive video training systems with over 20 programs now in use.

Programs or Courses

In addition to custom training development, TTG offers general supervisory training, training for trainers, and training program development courses.

TTG was recently awarded the exclusive distributorship for Authorware (TM) Computer Based Training Systems. This software and support system is recognized as a leader in developing quality multi-media CBT training.

Staff

Forty-eight full-time specialists and production personnel use the most up-to-date computer, graphics, publishing and video equipment at head office in Edmonton, Canada. TTG has personnel in Toronto, Canada and Houston, Texas.

Facilities

TTG maintains a large production department complete with a full range of desktop publishing software and hardware for MacIntosh and IBM environments, in addition to multi-media facilities.

WESTERN PERFORMANCE CONSULTANTS INC.

2000 Bankers Hall
855 - 2nd Street, S.W.
Calgary, Alberta
T2P 4J8
Telephone: (403) 237-7143
Fax: (403) 261-2029
Contact: Stella Cosby, Director of Consulting and Design
Founded: 1989

This organization provides performance solutions to organizations in the least cost method available to achieve the desired effect. This philosophy provides the most efficient use of training dollars which translates into bottom-line productivity and profit.

Western Performance has extensive experience in the field of performance-based training programs. The com-

pany specializes in planning, design, development, delivery, and evaluation of management programs, including a product that can be implemented in-house by the client. Programs are designed to address the special needs of the organization, incorporating a custom blend of theory, case study, skill practice exercises, and interactive discussions. Performance/training aids are used extensively to enhance learning and increase learning retention.

Programs or Courses

Workshops and courses range from facilitator-led to self-paced programs. WPC provides a full range of custom designed programs developed to meet specific client needs. In addition, WPC provides standard packaged programs that can be purchased off the shelf.

Management: Management Development, Supervisory Skills, Interviewing and Selection, Team Building, Coaching and Counselling Skills, Conflict Management and Resolution, Problem Solving/Decision Making, Time Management, Leadership, Project Management, Strategic Planning, Goal Setting, Manpower Planning, and Human Resource Management.

Communication: Effective Communication Skills, Interpersonal Skills, Management Presentation Skills, Letter and Report Writing, Sales/Marketing: Selling Skills, Quality Customer Service, Dealing with the Public.

Consulting Services: Organizational Development, Needs Analysis, Customization of Performance Aids, Reward and Incentive Systems, Train the Trainer.

Staff

Clients are assigned a Project Manager to oversee the specific training program. All training programs are managed by staff with extensive industry and training related experience. Contract personnel are recruited on the basis of their experience and qualifications for the specific training project.

Facilities

WPC has offices in Calgary and Edmonton in addition to on-site training at the client's premises.

OIL AND GAS TRAINING

ADAMS PEARSON ASSOCIATES LTD.

#600, 521 - 3rd Avenue S.W.
Calgary, Alberta T2P 3T3
Ph: (403) 265-7226
Fax: (403) 269-3175
Telex: 03-821172 CGY
Contact: Mr. Mike Adams, President
Founded: 1982

Adams Pearson offers training courses emphasizing the practical aspect of petroleum engineering applications. They are completely up-to-date and include the latest analysis techniques and operational procedures. A comprehensive manual is provided with a full literature reference list.

Programs or Courses

Well Test Planning and Analysis, Reservoir Engineering, Production Engineering, Workover and Completions, and Sand Control. These courses have been taught in-house in Canada and the U.S.A., as well as in the North Sea and South East Asia.

Staff

The principals have professional degrees in petroleum engineering and mining engineering, coupled with many years of experience in the oil and gas industry in Canada, U.S.A., U.K., Norway and Asia/Pacific.

Training Fees

$9,000 for one-week course; $14,000 for two-week course. (exclusive of living costs or room-and-board and travel time)

ALBERTA SUMMER INSTITUTE FOR PETROLEUM INDUSTRY DEVELOPMENT (ASIPID)

Alberta International
222 Campus Tower
8625 - 112 Street
University of Alberta
Edmonton, Alberta T6G 2E1
Ph: (403) 492-2958
Fax: (403) 492-1488
Telex: 037-2979
Contact: Mr. James (Jim) G. Campbell, Director
Founded: 1982

The Institute offers an eight-week program for overseas oil and gas industry professionals. In addition to general topics, the program offers three options that deal specifically with upstream, downstream, and management aspects of the oil and gas industry. In eight years of operation the Institute has trained 306 management/professional-level participants from 49 countries. The Institute can also organize short courses on specialized topics for professionals in their own countries. The Summer Program is offered during the months of June and July. An option is provided in English as a Second Language during the month of May.

Programs or Courses

Upstream: Exploration, Hydrocarbon Geology, Drilling Technology, Production Engineering, Reservoir Engineering, and Offshore Development.
Downstream: Transportation; Marketing; Pipeline Engineering; Tanker Transportation; Gas Processing and Petroleum Refining; Petrochemicals; and Marketing Mineral Resource Products.
Management: Management and Policy Development; Training and Manpower; Organizational Development; and Project Development. The program has participation from oil and gas executives and professionals from around the world. ASIPID offered seminars in Thailand, with the National Petroleum Company of Thailand in 1984 through 1986, and in the Philippines in 1990, with the office of Energy Affairs.

Staff

The Institute draws its faculty from professionals in academic, private, and government sectors. All are specialists in oil and gas-related areas and authorities in their fields. The Institute has extensive experience in offering training in a cross-cultural setting.

Facilities

ASIPID has access to the resources of the University of Alberta and can arrange research programs which utilize the University's lab facilities. Petroleum industry companies, which co-operate in offering

the program, also provide participants with exposure to the latest in oil and gas technology.

ALCONSULT INTERNATIONAL LTD.

#302, 407 - 8th Avenue S.W.
Box 6632, Station 'D'
Calgary, Alberta T2P 1E5
Ph: (403) 262-5886
Fax: (403) 262-3544
Contact: Gordon H. Jones, Ph.D.
Founded: 1986

Alconsult offers courses covering most facets of the petroleum industry: earth sciences, drilling, production, and processing. As well, the company offers a variety of courses which apply to other industries - project management, environmental topics, technical report writing, maintenance of a variety of types of equipment and facilities, computer utilization, occupational health and safety, etc. Alconsult has more than 70 available courses, most are 10 days in length, but range from a few days to nine months. Alconsult also provides on-the-job training in a variety of fields (recent ones have included geological and geophysical interpretation courses to students from several Asian and African countries). Alconsult recently worked with government departments and research institutions in several countries in making detailed assessments of personnel training needs and in arranging for follow-up training programs. Since early 1988, projects have been undertaken in twenty-five countries in six continents and with additional trainees from several other countries.

Programs or Courses

Courses cover a wide range of engineering, geology, geophysics, project management, occupational health and safety, environmental and other topics appropriate for the oil and gas, mining, and other industries. Courses such as Gas Technology, Drilling, Production, Reservoir Engineering, and Safety, are available in a large variety of modules which can be customized to meet client's needs. Trainers are fluent in several languages (French, Arabic, etc.).

Staff

Alconsult offers the skills of some 200 professionals and executives from the resource industries. Training is carried out by senior professionals, some of whom are mainly dedicated to training, while others are both active consultants and trainers. All have extensive industry experience and a number have worked with universities and other academic or training institutions.

Facilities

Most training is delivered on the client's premises or training centres in the country or region concerned. Many courses are given in the facilities of an Athens-based affiliate.

BMP ENERGY SYSTEMS LTD.

1100, 777 - 8th Avenue S.W.
Calgary, Alberta T2P 3R5
Ph: (403) 234-7979
Fax: (403) 262-9775
Contact: Gerald G. Feschuk, Vice President Marketing

BMP specializes in natural gas measurement processes and consulting and training for both the Canadian and international oil and gas industry. BMP is the only Canadian manufacturer of electronic integration equipment. This specialized measurement equipment utilizes "NGAS" (Natural Gas Accounting Software) developed by BMP. Three divisions: Production Accounting, Production Surveillance, and Training allow BMP to conduct training or consulting relating to every aspect of measurement control, field inspection, surveillance, audit, audit training, production accounting, loss prevention, and security. In addition, BMP offers an IBM AS400 based Production Accounting system entitled PRISM, as well as their new modular field data capture system.

Programs or Courses

Natural Gas Measurement; Production and Revenue Accounting; Field Operating Practices; Production Monitoring and Verification Audit; Facility Applications; Government and Revenue Reporting and Reconciliation; Loss and Theft Prevention; Waste Processing; and Central Treating Plants.

Staff
BMP has built a team of recognized and respected specialists with expertise in production operations, measurement, security, engineering, accounting, and training. There are now 100 employees.

Facilities
BMP has four Canadian branch offices and a head office in Calgary. Alberta has training facilities for classes of up to twenty. Specialists are available for dedicated on-site training or seminars.

CANADIAN STRATIGRAPHIC SERVICE LTD.

3613 - 33rd Street N.W.
Calgary, Alberta T2L 2A7
Ph: (403) 284-1112
Contact: Mr. Roy Nishizaki, Manager
Founded: 1950 (Subsidiary of American Stratigraphic Company, Denver, Colarado)

The company provides standard five-day courses in sample logging to acquaint geologists with logging techniques and to develop a systematic method of describing drill cuttings and cores. The course allows participants maximum access for studying cores and drill-cutting samples.

Programs or Courses
Standard five-day log sample and core courses which have been given to 2,500 practising industry geological personnel over the past 35 years, are offered. Nationals from other countries have taken training in Alberta and the program has been conducted in Bahrain and Saudi Arabia.

Staff
Petroleum geologists with over 25 years experience in the petroleum industry and five years experience in teaching logging courses, and a geologist with six years industry and two years teaching experience.

Facilities
The company has a classroom with 15 student capacity, and can handle up to four overseas students at one time.

CHALLENGER INTERNATIONAL SERVICES LTD.

1000, 715 - 5th Avenue S.W.
Calgary, Alberta T2P 2X6
Ph: (403) 269-3121
Fax: (403) 265-9296
Telex: 03-825576
Contacts: Mr. Roy Allen, President. Mr. Ken McInnis, Manager of Administration
Founded: 1929

Challenger provides a full range of operating crew training for all facets of drilling rig operations, maintenance and safety. The training is conducted throughout the term of a project and will be progressively directed towards the more senior and responsible positions on the rig. Training involves both classroom and on-the-job sessions.

Programs or Courses
Challenger offers oil and gas drilling and servicing technology; mineral drilling technology; and management and supervisory training for drilling rig operations. The company has provided on-the-job training supplemented with video and workbook instructions in Libya, Egypt and Pakistan, and has trained foreign nationals in Alberta training facilities.

Staff
Staff consists of a training coordinator and drilling and servicing instructors for mechanical, electrical and drilling aspects of rig operations. All staff have training experience.

DB ROBINSON AND ASSOCIATES LTD.

9419 - 20 Avenue
Edmonton, Alberta
T6N 1E5
Ph: (403) 463-8638
Fax: (403) 450-1668
Contact: Denise A. Chang-Yen, Sales Manager, Software

DB Robinson offers a course on Hydrocarbon and Carbon Dioxide Miscible Fluid Displacement.

Programs or Courses
Five-day course deals with most aspects of the application of miscible fluid displacement in the recovery of conventional crude oils. The five sections of the course are: Fluid Displacement Phenomena and The Frontal Displacement Process;

The Properties and Phase Behavior of Fluids; Mechanisms of High Pressure Gas Displacement; Fluid Flow Miscible Displacement; and Evaluation and Control of Fluid Injection Schemes.

Staff

Staff members are engineers, geologists, and technical people who are familiar with basic reservoir engineering and who are involved in petroleum engineering work.
Course lecturers: Dr. Donald L. Flock, Professor of Petroleum Engineering, University of Alberta; Dr. Donald B. Robinson, President, DB Robinson & Associates; and Dr. Harish Kalra, Sr. Vice President, DB Robinson & Associates.

Training Fee

Five-day course costs $1200 per student.

GEOTECHNICAL RESOURCES LTD.

4500 - 5th Street N.E.
Calgary, Alberta T2E 7C3
Ph: (403) 230-4000
Fax: (403) 230-4370
Telex: 03-821172
Contact: Mr. Craig Lamb, Director of Technology Development
Founded: 1980

Geotechnical Resources offers courses for a broad range of geo-science applications for the petroleum industry. The company provides industry-wide and in-house training courses and consulting personnel in Canada and abroad.

The company has laboratories with unique capabilities in the area of core analysis, gas and fluids analysis, geological/petrological analysis, and reservoir engineering.

Programs or Courses

"The Science and Technology of Core Analysis" is a week long course available periodically in Calgary, Canada or internationally on sufficient notice. Major topics include: geological aspects; coring, preservation, sampling; basic core analysis; supplementary core analysis; enhanced recovery studies; miscible flood studies; reservoir quality analysis; fractured reservoir analysis.

The basic theory and applications taught in "The Science and Technology of Core Analysis" may be combined with hands-on laboratory sessions tailored to suit requirements for individual or small group training for international clients.

Geotechnical Resources supplies personnel on consulting assignments related to training/planning/installation projects.

Staff

The company has highly trained staff with extensive industry, academic and training experience in all areas of the company's activities.

Facilities

Courses are conducted at facilities available in Calgary, or at the company's in-house facilities and labs.

Training Fees

Training fees are negotiated based on number of people, program duration and content.

HUGH W. REID & ASSOCIATES LTD.

Suite 201, 305 - 2nd Street S.W.
Calgary, Alberta T2P 1N7
Ph: (403) 262-1261
Fax: (403) 262-2815
Telex: 03-821172 CGY
Contact: Mr. Hugh Reid, President
Founded: 1978

Hugh W. Reid & Associates provides training seminars and consulting services in drillstem test (DST) interpretation. Industry-wide (multi-company) and private in-house (single company) seminars are available. Consulting services specialize in locating bypassed production (missed pay) in old wells by identifying formation damage from DST data.

Programs or Courses

Courses include: Drillstem Test (DST) Interpretation for geologists and engineers (5 day short course); Exploration Applications of DST and RFT Data including Hydrodynamics (5 day course); and Finding Missed Pay (bypassed production) Using DST Data (3 1/2 day course).

Courses have been presented in Canada, U.S.A., Australia, Indonesia, Malaysia, Thailand, Egypt, Libya and India.

After teaching an international course, instructor will usually stay behind in the host country for a further 1 or 2 weeks to work with students, assisting them with their DST problems. This ensures skills learned during the course are applied and not forgotten.

Staff

Hugh Reid has 24 years experience and has presented DST courses worldwide for 11 years. He is a past president of Canada Well Logging Society.

Training Fees

$650 per person on an industry-wide course (exclusive of living costs or room and board); and
$1,500 per day for company in-house course.

HYCAL ENERGY RESEARCH LABORATORIES LTD.

1338A - 36 Avenue N.E.
Calgary, Alberta T2E 6T6
Ph: (403) 250-5800
Fax: (403) 291-0481
Telex: 03-821172 CGY
Contacts: Doug Bennion or Joseph Cassinat
Founded: 1976

Hycal provides instruction in designing laboratory experiments and interpreting and utilizing laboratory data. In-house training for performing studies using reservoir material under supervision, is available for overseas companies. Hycal has specialized equipment to study enhanced oil recovery processes and production problems relating to fines migration, clay swelling, sand control, and simulation treatment. Numerical simulation is available for study of water flooding, thermal recovery, etc.

Programs or Courses

Hycal supplies enhanced oil recovery training in the areas of laboratory research, reservoir engineering and numerical simulation. The company has worked on enhanced oil recovery projects in Peru and Madagascar and set up research facilities in Nigeria and Turkey.

Staff

Staff have over 200 years of combined teaching experience in petroleum engineering, eighteen years in chemical engineering and fifteen years with laboratory technicians.

Facilities

Company facilities include one classroom for 30 to 50 students and special laboratory facilities for investigation of enhanced oil recovery including steam flooding, steam stimulation, hydrocarbon miscible flooding, etc. and formation damage investigation.

Training Fees

Forty-hour courses: $1,000 (US) (exclusive of living costs or room and board).

HYPROTECH LTD.

400, 119 - 14th Street N.W.
Calgary, Alberta T2N 1Z6
Ph: (403) 283-7710
Fax: (403) 283-4764
Telex: 03-821172 CGY
Contact: Dr. T. Vysniauskas, Principal and Director
Founded: 1975

Hyprotech presents a short course (three to four days) on the design and modelling of oil and gas processes. The course is designed for chemical engineers and/or process managers in the oil and gas industry who are using or considering the use of computer-aided engineering design programs for simulating separation processes. The course covers some of the underlying engineering and thermodynamic principles employed in the selection of various process flow schemes and provides hands-on experience with the application of a flow sheet simulator.

Programs or Courses

The company offers a course on computer-aided process design and modelling of oil and gas processes. This course has been given at the University of Calgary for over 10 years as well as at oil and gas centres throughout Europe, Asia, the Middle East and the United States.

Staff

Dr. W.Y. Svrcek is a professor of Chemical and Petroleum Engineering with the University of Calgary. Dr. Vysniauskas is Principal and Director of Hyprotech.

Facilities
Courses are held at the client's premises or other locations depending on class size.

INTERCOMP RESOURCE DEVELOPMENT AND ENGINEERING LTD.

1000, 840 - 7th Avenue, S.W.
Calgary, Alberta T2P 3G2
Ph: (403) 265-6550
Fax: (403) 266-5202
Telex: 03-824857
Contacts: Mr. Bernie DeLorme
Founded: 1968
(A subsidiary of Scientific Software - Intercomp Inc., Denver, Colorado)

This firm specializes in oil and gas consulting, software applications and training. Intercomp coordinates training programs to meet specific development needs and can present all of its courses in-house or on-site. On-site training sessions have been presented for clients throughout North and South America, Asia, Africa, Europe, and the Middle East. Intercomp uses all of its resources - software products, technical consulting, and training - to effect technology transfer, enabling client organizations to develop their people, solve their problems and work more effectively.

Programs or Courses
Intercomp offers oil and gas measurement, reservoir simulation, reservoir engineering, and petroleum economics. The company recently trained foreign clients from Bangladesh, Turkey, India, Libya and Pakistan in Calgary and overseas in Abu Dhabi and Saudi Arabia.

Staff
Highly-trained technical staff has extensive oil and gas industry experience in Canada and overseas, particularly in the Middle East.

Facilities
Intercomp has a classroom for 16 participants, a main frame computer and related petroleum software.

LEDUC SAFETY SERVICES LTD.

1903 - 4th Street, Box 86
Nisku, Alberta T0C 2G0
Ph: (403) 955-3300
Fax: (403) 955-7651
Contact: Mr. Marvin Weir, President & General Manager
Founded: 1982

This firm presents courses on the petroleum industry in Western Canada. The company has classrooms located in Edmonton and courses are held each week.

Leduc Safety provides training on location, including remote areas. The company employs qualified and experienced instructors working with up-to-date training aids to make training programs interesting and beneficial.

Programs or Courses
First Aid (a practical, common-sense approach); Dealing With Hydrogen Sulphide; C.P.R.; Blowout Prevention; Well Control for Well Servicing and Drilling; Defensive Driving; Special Oilwell Boiler; Transportation of Dangerous Goods; Workplace Hazardous Materials Information System; and Air Brake Certification.

Staff
The company has 4 full-time certified instructors and 6 part-time certified instructors.

Facilities
Leduc Safety's classroom accommodates 40 students.

Training Fees
The rate for open classes in Edmonton is $60 to $250 per person depending on the type of course.

In-house training rates are $250 to $450 per day, plus manual and registration/ certificate fee (as well as travel expenses, room and board if applicable).

Overseas rates are available on request.

MUSTAGH RESOURCES LTD.

7 Scenic Acres Drive N.W.
Calgary, Alberta
T3L 1A2
Phone: (403) 560-3656
Fax: (403) 241-2510
Contact: Norman M. Cooper, P. Geoph, President
Founded: 1983

Mustagh provides geophysical consulting and training services in all aspects of reflection seismology including data acquisition, processing and interpretation. Mustagh specializes in computer analysis for quality control of field operations.

Programs or Courses

"Introduction to Seismic Methods" is a five day overview of geophysics which develops an understanding of many modern techniques through an iterative analysis of basic techniques and their weaknesses. This course is suited to anyone who is familiar with reflection seismology and interested in a more complete understanding of the applications and limitations of the method.

"Land Seismic Acquisition, Theory and Techniques" is a two or three day course (depending upon desired emphasis) for people familiar with seismic acquisition and desiring a complete analysis of tools available and guidelines to parameter selection.

"An Overview of Vibroseis" is a two day course which reviews the basic theory of vibroseis and explains some of the peculiar phenomena of the method. The participant is given a firm understanding of the criteria which guide parameter selection.

"I/O System One" is a half day seminar which provides a detailed description of this unique recording system. Data examples are presented.

All courses can be custom tailored to specific client requirements and are offered worldwide either in client's facilities or using suitable local services.

Staff

Norm Cooper B.Sc., Professional Geophysicist, has over 14 years of experience in geophysics. He has been teaching various aspects of his profession since 1979 and has considerable experience applying the techniques he teaches.

NABORS DRILLING INTERNATIONAL LTD.

Suite 1100, Canada Trust Building
505 - 3rd Street S.W.
Calgary, Alberta T2P 3E6
Ph: (403) 263-6610
Fax: (403) 264-7390
Contact: Mr. Duane Mather

Nabors supplies well control training for its own personnel and that of other contractors and operators around the world. Training focuses on field operating conditions and hands-on experience is provided with IMCO Boss. A pressure Controlled Simulator with continuous printout of stand pipe and casing pressure is also used. Hydrogen sulphide training includes extensive hands-on training with protection and measurement devices, and how to inspect, sanitize and store equipment. Special emphasis is given to H_2S in drilling operations.

Programs or Courses

Courses include well control training, and H_2S training. Nabors has extensive experience with overseas training and training of foreign personnel in Alberta from countries in South East Asia, the Middle East, North Africa and Australia.

Staff

Nabors' training coordinator has 15 years of adult education and teaching experience in blowout prevention, well control and H_2S. Other instructors have technical diplomas and university degrees to the masters level.

NOVACORP INTERNATIONAL CONSULTING INC.

16th Floor, 734 - 7 Avenue S.W.
Calgary, Alberta T2P 3P8
Ph: (403) 261-5200
Fax: (403) 290-6090
Telex: 038-21503
Contacts: Mr. C.D. Richards, Senior Vice President. Mr. C.S. Foote, Manager, Technology Transfer

Founded: 1973 (a subsidiary of NOVA Corporation of Alberta)

Novacorp offers training in any of the technologies pertaining to the pipeline industry. Novacorp represents over 30 years of pipeline owner/operator experience, and draws on the expertise of NOVA Corporation of Alberta which operates a 15,600 kilometre pipeline system. The training programs offered are tailored to each client's unique requirements and can cover both theoretical and practical instruction. Technical content, instructional format, duration and schedule of each program is established to meet the client's needs. Courses range from short specific technical programs to longer, broader programs covering all aspects of the pipeline and petroleum industry.

Programs or Courses

Typical programs include: planning, detailed design, construction management, pipeline system operations and maintenance, as well as technical support services. Other key training areas include: instrumentation and controls, pipeline SCADA systems, networks and related computer systems, and software development. Training at all levels of management and supervision of the above technical subjects can also be incorporated in the programs.

Staff

Instruction is provided by senior personnel in engineering and technical operations as well as supervisory and management personnel. Instructors bring not only their expertise in their respective fields but also experience in providing training to many international clients. Courses have been provided for personnel from Australia, Bahrain, Bangladesh, Brazil, Canada, China, Finland, India, Indonesia, Iran, Japan, Libya, Malaysia, Pakistan, Sweden, Thailand, and Turkey.

Facilities

An established technical training centre is available to train groups from 1 to 100. In addition, training is provided using operating facilities such as measurement and compressor stations; gas analysis, measurement, metallurgical and welding labs; fabrication, instrumentation/control and jet shops; a control centre; warehouses; and engineering and technical support offices.

Training Fees

Training fees vary with the type of program, duration, number of trainees, and location (in Canada or at the client's location).

NOWSCO WELL SERVICE LTD.

1300, 801 - 6th Ave. S.W.
Calgary, Alberta T2P 4E1
Ph: (403) 261-2990
Fax: (403) 262-8066
Telex: 03-825617
Contacts: Mr. L. Murray Lambkin, Manager of Technical Training. Mr. Stan Baldwin, Manager of International Sales
Founded: 1962

Nowsco offers a complete package of operational skills training as well as technical instruction. Clients participate in a field training program supervised by a Nowsco employee. Nowsco has hosted international students for periods of up to four months, providing training in technology and equipment operation for fracturing, acidizing, cementing, nitrogen, and using the endless tubing unit.

Programs or Courses

The company has courses in Cementing, Acidizing, Coiled Tubing, Hydraulic Fracturing, Nitrogen, and Carbon Dioxide in the Oil Industry. Nowsco offers certificates based on achieving standardized performance levels. In recent years, Nowsco has trained personnel from India, Pakistan, Brazil, Hungary, and Algeria. Nowsco has supplied training in its specialized facilities in Canada, U.S.A., and the U.K. as well as field training throughout the world.

Staff

The manager of technical training has a number of years field and training experience. Training staff have combinations of practical and training experience and are current experts in their field.

Facilities

Classroom accommodation for up to 24 students and specialized labs with all associated

testing equipment for product development, cementing, and stimulation. Training facilities are located in Great Yarmouth, England, Wooster, Ohio, U.S.A. and Calgary, Canada.

OILFIELD P.M. SERVICES INC. INTERNATIONAL TRAINING, DEVELOPMENT AND CONSULTING

600, 510 - 5th Street, S.W.
Calgary, Alberta
T2P 3S2
Ph: (403) 290-1458
Fax: (403) 262-3549
Telex: 03-821989

Oilfield P.M. offers petroleum training, development, and consulting. The company has experience in over thirty countries around the globe, and twenty-two years in the petroleum industry, of which twelve years experience has been specializing in the area of international training. Oilfield P.M. trains personnel at the executive administrative levels and field personnel. The level of training is tailored to specific client needs.

Programs or Courses

Subjects include: Drilling Rig Maintenance and Preventive Maintenance; Maintenance Mechanical, Electrical Maintenance and P.M.; Petroleum Administration Training - Auditing and Finance; Supervision and Management Techniques; Human Resources; Warehousing and Supply; and Environment, Seismic, Geology and, Exploration.

Staff

Specialized consultants/instructors are selected for individual projects according to geographical, cultural and specific program/client needs.

Training Fees

Project costs vary in accordance with client requirements, training program design, and personnel requirements.

PHH PETROLEUM CONSULTANTS LTD.

1820, 101 - 6th Avenue S.W.
Calgary, Alberta T2P 3P4
Ph: (403) 232-6822
Fax: (403) 232-6764
Telex: 03-822591
Contact: P.H. Holst, President
Founded: 1983

PHH supplies workshops on reservoir simulation with a practical, hands-on approach. Workshops are designed to familiarize each student with the basic assumptions and underlying theory of simulation technology. For students not familiar with model studies, these workshops remove any intimidation factor normally associated with the technology.

Programs or Courses

The Reservoir Simulation Workshop is a one-week course providing a thorough grounding in the basics of simulation technology. The course is designed for reservoir engineers, with content divided equally between theory and practical training. The practical portion requires each student (based on his or her level of experience) to solve a variety of simulation problems using a computer terminal and the company's in-house computer system. The course emphasizes practicality and does not favour any particular brand of simulation software, although their GCOMP simulator is used for practical sessions.

Staff

The company president possesses a Ph.D. in Chemical Engineering and has been consulting for over 18 years.

Facilities

The company's facilities are designed for a maximum of 15 students. Some projects have involved client personnel working in the company's office during project execution, typically a six-month duration. Overseas training may be negotiated with the client.

PETROLEUM INDUSTRY TRAINING SERVICE

13, 2115 - 27th Avenue N.E.
Calgary, Alberta T2E 7E4
Ph: (403) 250-9606
Fax: (403) 291-9408
Telex: 03-822806
Contact: Mr. Wayne C.

Wetmore, Manager, Training & Development
Founded: 1961

This organization has a wide range of petroleum industry upgrading or short courses for individuals already employed in the industry. These courses are scheduled on a regular basis throughout the year. Topics include production of oil and gas; pipelining; environmental aspects; drilling and well service; human resource development and safety; maintenance; and gas plant operations. The company also offers a pre-employment training program to prepare floorhands to work on drilling rigs.

Programs or Courses

Oil and Gas Production: Pipeline, Environmental, Maintenance, Drilling, Well Service, Pre-employment, Safety, Human Resource Development, Petroleum Fundamentals Series, Gas Plant Operations, Heavy Oil, Correspondence Courses, General Petroleum.

Management: Supervisory Methods, On-the-Job Training for Safety, Leadership and Motivation. The company has provided several overseas programs such as a well control training course in Indonesia; a deep well injection course in Columbia; drilling practices in Kenya, Thailand and Jordan; an introduction to drilling and the petroleum industry in Ecuador; and production operation courses to two different Libyan companies' personnel in their Nisku training centre.

Staff

The Service has thirty full-time staff including an adult education specialist and 10 training coordinators. The Service also has over fifty consulting instructors with experience and expertise in all segments of the upstream petroleum industry.

Facilities

A new training centre valued at $11 million has been completed. This 40-acre facility includes a ten-classroom building, lab facilities, a drilling rig, and a H_2S rescue and well control centre. The training centre in Calgary has five classrooms, a library, a drilling simulator, reference books, and books for sale. There is also a drilling simulator located in Halifax for well control training.

Training Fees

For standard one to ten day courses, fees vary from $80 to $200 per day of instruction. Certificates of attendance and performance are provided.

PETROLEUM TECHNOLOGY TRANSFER INC. (PTTI)

1100, 1122 - 4th Street S.W.
Calgary, Alberta T2R 1M1
Ph: (403) 232-6772
Fax: (403) 265-9363
Telex: 03-821172 CGY
Contact: Mr. W. Robert Porteous, P. Eng., Managing Director
Founded: 1987

PTTI offers a complete line of world-class individual short-term training courses, and entire upstream/downstream programs, pertaining to the international petroleum industry, government agencies, international finance and aid organizations and others. PTTI's instructors are highly qualified consultants.

Programs or Courses

Subjects include: Basin Exploration, Sedimentology and Stratigraphy, Drill Stem Test Analysis, Cementing Technology, Hydraulic Fracturing and Acidizing, Formation Damage, Artificial Lift, Economic Evaluation Methods, Production Facilities, Measurement and Auditing, Basic Reservoir Engineering, Miscible Flooding, Stream Flooding, and In-Situ Combustion. Micro-computers are used in Reservoir Engineering, Project Management, Joint Ventures, and International Sulphur Marketing.

Course descriptions for each of the courses are available to clients on request.

Program content can be tailored to fit particular requirements. For example, training can be adapted for the effective installation, operation and maintenance of special equipment such as laboratory equipment, or for special field applications of advanced technology.

Staff

Each instructor is highly experienced, appropriately educated, and well-respected in

the Canadian petroleum industry, and has international experience. All are active consultants who are currently involved in the industry, and they are available to consult in their area of expertise.

A partial list of the directors/instructors includes: Robert Porteous, P.Eng. (Managing Director), Andrew Bailie, Ph.D.Geol., Doug Bennion, Ph.D., P.Geol., George Shaw MacMillan, B.A.Sc., Tim Presber, P.Eng., Hugh Reid, P.Geol., Edward Thompson, Ph.D., P.Eng.

PETROPHYSICAL CONSULTANTS INTERNATIONAL LTD.

19 Lenton Place S.W.
Calgary, Alberta T3E 5C7
Ph: (403) 262-7100 or
(403) 287-9100
Fax: (403) 266-6103
Telex: 038-21886 CGY
Contact: Mr. G. E. Dawson-Grove, President & Chief Consultant
Founded: 1976

Programs or Courses

This firm supplies custom designed courses in analysis of petrophysical well logs.

Staff

The president has 30 years of specialization in oil and gas well evaluation and has presented petrophysical courses at post-secondary institutions and oil companies.

PORTATRAIN ON-SITE TRAINING LTD.

206, 6025 - 12 Street S.E.
Calgary, Alberta T2H 2K1
Ph: (403) 253-2385
Fax: (403) 253-2386
Contact: Mr. R.B. (Robin) Edmond, President
Founded: 1980

Portatrain has customized, cost-effective training courses and workshops for the oil and gas industry. Courses are held at locations as close to the client's operating area as possible. The majority of courses are designed to enhance and review safe operating procedures. The company is committed to the development of skills through hands-on, practical, on-site training. A major emphasis is the development of in-house operator programs for the oil and gas industry.

Programs or Courses

Technical Training Courses: Extensive use of cut aways and simulations enhance the transfer of technology.
Supervisory Development Program: This is a four part program designed specifically for supervisors working in the oil and gas industry. The focus is on assisting supervisors with their additional responsibilities as outlined in the "Upstream Petroleum Industry Task Force on Safety" report.
Operator Training Program: This is a self-contained guide and workbook that integrates job responsibilities and job tasks with training requirements for all field operators and supervisors.
Pumpjack Inspections and Training Services: Critical inspections are supported by a computer reporting system.
Safety Programs: Safety courses are all industry certified.

Staff

Staff are recruited on the basis of their experience and qualifications for the specific training courses being presented. The company has an extensive list of consultants/instructors allowing them to package top-quality courses for all areas of the energy industry.

PORTEOUS ENGINEERING LTD. (PEL)

1100, 1122 - 4th Street S.W.
Calgary, Alberta T2R 1M1
Ph: (403) 232-6772
Fax: (403) 265-9363
Telex: 03-821172 CGY
Contact: Mr. W. Robert Porteous, P. Eng., Managing Director
Founded: 1983

PEL provides courses worldwide on the topics of well completions, workovers, and drilling/production operations. PEL is an international training/consulting engineering organization. All courses are accompanied by a full set of up-to-date course notes.

Hands-on problem-solving exercises are a major component of each course. Courses have been presented using simultaneous or sequential translation.

Programs or Courses

Advanced Well Stimulation (Hydraulic Fracturing and Acidizing) - five days; Formation Damage - three days; Sand Production Management - three days; Cementing Technology and Casing Design - five days.

PEL's lectures and courses have been presented many times at overseas locations and in Canada to delegates from various countries.

Staff

Robert Porteous is a petroleum engineer with over 30 years of worldwide petroleum engineering experience. He has been active in training throughout his career and currently provides technical and professional level training for many oil companies, professional, government, and international organizations. In addition to his training role, Mr. Porteous is an active and internationally recognized engineering consultant.

Training Fees

In-house courses: $1,500(Cdn) net per teaching day in Canada; $1,500(US) net per teaching day overseas. At client's request, more than one course may be arranged for each overseas trip. Special arrangements may be negotiated.

QUANTEL ENGINEERING (1981) LTD.

700, 777 - 8th Avenue S.W.
Calgary, Alberta T2P 3R5
Ph: (403) 269-9833
Fax: (403) 269-9845
Contact: Mr. S.S. Arrata, President
Founded: 1975

Quantel teaches reservoir, drilling, production, and facilities engineering courses in Canada and around the world. The company is a Canadian oil and gas engineering firm specializing in off-shore and on-shore development activities. Quantel has brought together a group of senior personnel with extensive oil industry experience and teaching expertise in order to present a full range of industry courses. Course manuals and/or reference materials are provided for each course.

Programs or Courses

Reservoir Engineering: drilling engineering, completion, and workovers. Production Engineering: surface production facilities, design, and operations. Corrosion: water treatment for oilfield applications, etc. Courses have been presented in Canada, U.S.A., Australia, Malaysia, the Middle East, and India.

Staff

Staff members are professional engineers with extensive oil and gas industry experience and teaching experience ranging from 6 to 25 years.

Training Fees

Overseas one and two-week courses: typically $18,000 per week for groups of 25.

SKM CONSULTING LTD.

1270, 840 - 7th Avenue S.W.
Calgary, Alberta T2P 3G2
Ph: (403) 233-9400
Fax: (403) 264-3744
Contact: Mr. Kevin C. Milne, President
Founded: 1980

SKM presents courses on natural gas processing, natural gas engineering, processing technology, and project management.

Programs or Courses

Courses cover natural gas processing principles, and technology; natural gas engineering; gas processing technology; and project definition and plant project management.

Staff

Instructors have extensive experience in teaching natural gas courses and have presented overseas courses in Thailand, England, Norway, Venezuela, and Australia.

Facilities

Courses are given at the client's premises.

Training Fees

The fees depend primarily on whether the client wishes the standard course or a customized course. SKM will respond to any requests for

proposals and is prepared to provide courses for a predetermined lump sum.

SERVIPETROL LTD.

P.O. Box 7010, Station 'E'
Calgary, Alberta T3C 3L8
Ph: (403) 266-2535
Fax: (403) 264-8297
Telex: 03-821172
Contact: Dr. Roberto Aguilera, President
Founded: 1980

Servipetrol offers short course training providing a current, unique, and widely tested approach to the evaluation of naturally fractured reservoirs. Naturally fractured reservoirs hold large hydrocarbon reserves and represent potentially attractive economic targets in exploratory ventures. Courses are designed specifically for the reservoir geologist, lot analyst, reservoir engineer, and production engineer or those interested in this field.

Programs or Courses

Courses cover geological aspects, log interpretation, well testing, completion methods, fractured shales, primary and secondary recovery, and case histories. Courses have been presented in U.S.A., Canada, South America, Central America, the Middle East, North Africa, Europe, India, Japan, and Indonesia.

Staff

Roberto Aguilera, a Ph.D. in Petroleum Engineering, has developed various techniques for the evaluation of naturally fractured reservoirs. In addition to published articles in industry journals, he is the author of the book Naturally Fractured Reservoirs (1980). Anthony Au, a Ph.D. in Computing Science, is an expert in the theoretical and practical aspects of reservoir modelling. He has published articles on this subject. Michael Ng, a Ph.D. in Mathematics, is involved in research related to well testing and numerical simulation of naturally fractured reservoirs. He has published articles on these subjects.

Training Fees

$11,000 (US) for four day courses.
$13,000 (US) for five day in-company courses.
$990 (US) per person for an open registration five day course.
(exclusive of living costs or room and board)

TECHNIFLUIDS/NMC

#650, 840 - 6th Avenue S.W.
Calgary, Alberta T2P 3E8
Ph: (403) 237-0346
Fax: (403) 269-7224
Contact: Mr. Dan Williamson, Manager of Research & Development
Founded: 1959

This organization offers training in mud management. The program is designed to improve the mud engineer's ability to solve problems efficiently. Drilling fluid management courses can be tailored to suit specific requirements. Course duration varies from two to three days (overview of drilling fluids) to a four-week course (comprehensive training in drilling fluid technology). Specific topics such as clay chemistry, hydraulics and drilling fluid rheology can be presented in short courses or included in the four-week comprehensive program.

Programs or Courses

Drilling fluid management and other specialized topics relating to drilling fluid function, work over and completion fluid systems (formulation, function and application) are covered in the courses.

Staff

The staff's academic qualifications range from Bachelor to Ph.D. degrees and mud management instruction experience ranging from five to 10 years.

Facilities

Technifluids/NMC has classrooms for 20 participants and laboratory facilities that include a fully equipped drilling, work over and completion fluid laboratory. Special equipment includes particle size analyzers, rheometers, and a gas chromatograph.

Training Fees

$100 per day per person for short courses.
$3,000 per month per person for a four-week course.
(exclusive of living costs or room and board)

TECHNOLOGICS RESEARCH AND COMMUNICATIONS

Alberta Stock Exchange Tower
Suite 2050, 300 - 5th Ave, SW
Calgary, Alberta T2P 3C4
Ph: (403) 237-0006
Fax: (403) 233-2798
Contact: Mr. William Loughran
Founded: 1979; incorporated in 1980 as William Loughran & Associates Ltd.

Technologics provides intensive one, two and three day seminars on the specialized activities, technology and organization of the Canadian petroleum industry. Courses are specifically designed to provide a basic understanding of the salient technical features of the industry for a broad range of people with little or no technical background in the topics addressed. Most presentations are made on an in-house basis for corporate and governmental clients, but some public sessions are offered as well.

Programs or Courses

Courses range from "Fundamentals of Petroleum Technology", a two-day, integrated overview of Canadian oil and gas exploration, production, transportation and processing - to shorter, more focussed, one and partial-day presentations on such topics as oil and gas pipelining, petroleum refining, and marketing and distribution.

Facilities

Specialized facilities are not usually required for the general type of training provided. Technologics prefers to have lower overhead costs by not maintaining the company's own training facilities and passes these savings to their clients. This also allows Technologics to have considerable flexibility in arranging for appropriate and conveniently-located facilities on the open market and allows clients to more fully utilize their own in-house facilities.

Staff

Bill Loughran, B.A., M.A., has been involved in the petroleum industry in various research, managerial and consulting capacities since 1973. He is Technologics' main seminar developer and facilitator and has served as the President and CEO since forming the company more than a decade ago. Since entering the corporate training field full-time in 1980, he has personally conducted some 500 days (approximately 4,000 hours) of petroleum industry seminars in cities across Canada.

Training Fees

Fees range from $90 to $260 for in-house sessions and from $150 to $325 for public presentations of one and two-day seminars.

TEKNICA PETROLEUM SERVICES LTD.

1100, 736 - 6th Avenue S.W.
Calgary, Alberta T2P 3T7
Ph: (403) 269-4386
Fax: 266-4395
Telex: 03-826725
Contact: Ron Larson, Marketing Manager

Teknica offers training in digital processing of geophysical data and delineation of hydocarbon reservoirs with synthetic sonic logs. Teknica's seislog method for stratigraphic evaluation of hydrocarbon reservoirs is a leader in the technology transfer field. The seislog method of processing and interpretation of seismic data is marketed with the value-added option of technology transfer.

Programs or Courses

Since 1985, 35 visiting professionals have worked at Teknica's Calgary office with the length of training varying from three months to one year, depending upon the contract and technology transfer terms. These professionals have come from Pakistan, Hungary, Venezuela, and China. Prearrival and departure arrangements have been managed by Teknica. Teknica has also provided training overseas.

Staff

Executive Vice-President Roy O. Lindseth and two other senior staff have extensive industrial experience as well as teaching experience at universities and colleges in Canada and the United States.

Facilities
Teknica's exploration data work stations in its Calgary facilities are available for hands-on training. Teknica maintains a geological/geophysical library of textbooks, journals, and atlases.

Training Fees
Fees from $3,000 per month include certificates of attendance for participants. (exclusive of living costs or room and board).

WILLOWGLEN SYSTEMS LTD.

Willowglen Business Park
Manning Close N.E.
Calgary, Alberta T2E 7N5
Ph: (403) 272-1800
Fax: (403) 272-2114
Telex: 03-825630
Contact: Mr. Bryan Williamson, Applications Engineer Manager
Founded: 1980

Willowglen provides training for the detailed use of the Willowglen system. Trainees learn methods of obtaining pertinent data and methods of controlling their operations, and how to use the computerized remote control system. Remote control sensing is also applicable for electric, water, and telecommunication systems.

Programs or Courses
Training courses for operation and maintenance of the Willowglen system are presented and certificates are awarded on completion. General courses on system design are also available on a customized basis. Courses are tailored to the individual's needs.

Staff
Instructors are senior programmers and senior technicians with in-depth knowledge of the systems, and system application engineers.

Facilities
Willowglen has one classroom with a capacity of up to ten students and electronic test facilities.

OTHER SPECIALIZED TRAINING

AGRITEAM CANADA CONSULTING LTD.

Suite 890, 10201 Southport Rd. S.W.
Calgary, Alberta T2W 4X9
Ph: (403) 253-5298
Fax: (403) 253-5140
Telex: 03-821172 CGY
Contact: Mr. Robert B. Francis, President
Founded: 1987

Agriteam offers a full range of agricultural consulting services: crop and grain production, livestock production and processing, rural development, training and technology transfer and agribusiness and project management to the local and international agricultural community.

Agriteam's training programs stress the qualities of self-reliance and sustainability. The firm believes that the skills and technologies introduced must be practical and consistent with local community conditions in order to provide long-term benefits.

Their approach is to assess the training need and then to custom design a program drawing from a variety of instructional formats including: on-the-job, counterpart, supervised practicum, technical seminar, and formal classroom.

Programs or Courses

Agriteam offers a variety of courses in agricultural management, production/processing techniques, and rural/resource development issues. Courses can be held in Alberta, in the host country, or a combination of both. For example, Agriteam offered an abattoir training program for a company in St. Kitts that involved supervised hands-on instruction in meat processing and abattoir management techniques.

Staff

Through formal and informal agreements, Agriteam assembles its training teams from private industry, a variety of colleges and universities, and independent consultants from the training community.

Facilities

Access to a range of classroom facilities.

ALTA TELECOM INTERNATIONAL (ATI)

2400, 411 - 1st Street S.E.
Calgary, Alberta T2G 4Y5
Ph: (403) 530-5656
Fax: (403) 530-5657
Contact: Mr. Ron Tucker
Founded: 1981 (Subsidiary of TELUS Corporation)

ATI has programs and facilities covering a wide spectrum of training in telecommunications, ranging from presentation of AC/DC fundamentals to the more complicated subject of data transmission. As a sister company to AGT, ATI has unlimited access to AGT's facilities, technical research, and service delivery systems.

Programs or Courses

Telecommunications planning, engineering, maintenance, and project management. Certificates of attendance and performance are awarded for structured training courses.

Staff

AGT trainers are available to ATI for international training. Trainers are engineers and technicians who have extensive background in telecommunications.

Facilities

Lab facilities are available for outside plant, mobile and data communication, software programming and telecommunications fundamentals. ATI also has specialized reference libraries with materials on all aspects of telecommunications.

AMTEK TESTWARE LTD.

5104 - 82nd Avenue
Edmonton, Alberta T6B 0E6
Ph: (403) 466-6953
Fax: (403) 469-1397
Contact: Howard Der Stepanian, Marketing Manager. Mr. Laurie E. McClare, General Manager
(Atlantic Research Canada Inc., AMTEK Testware Division)

AMTEK Testware Ltd. provides a wide range of engineering and training services to government and industry. Backed by a team of professional instructors, the AMTEK Group maintains the leading edge of training technology. This technology includes interactive video and state-of-the-art instructional techniques. The company specializes in keeping government agencies apprised of the latest hardware and software technology and providing cost effective training solutions. ATL is western Canada's leading software developer specializing in Automatic Test Equipment (ATE) technology and associated services.

Programs or Courses

AMTEK is a leader in software development and engineering, Automatic Test Equipment (ATE) software, life-cycle support, and testability engineering. The company excels in Operation/ Maintenance Training, Operational ATE Test Software programming, Equipment Planning/Acquisition, Maintenance Development, Technical Publication preparation, Project/Proposal Management and Integrated Logistic Support (ILS).

Staff

AMTEK's highly trained engineers and technologists are continually upgrading their skills. On-going high technology projects and study contracts provide insight into tomorrow's technologies and equipment requirements.

Facilities

AMTEK Testware Ltd. is located in a state-of-the-art aerospace and electronics development centre. The facility includes networked computer systems as well as stand-alone PCs, an ATE Support Centre, drafting office and blueprinting capability and a microfilm reader/printer.

ASSOCIATED MINING CONSULTANTS LTD.

1401, 910 - 7th Avenue S.W.
Calgary, Alberta T2P 3N8
Ph: (403) 264-9496
Fax: (403) 269-7640
Contact: Mr. Alan L. Craven, Manager
Founded: 1976 (ATAP Investments and International Mining Consultants Ltd.)

Associated Mining Consultants Ltd. provides training for personnel in mine maintenance, shotfiring, storage procedures, material handling, and management techniques. A comprehensive training program for underground mine foremen and seminars dealing with mine fire control are also offered.

Programs or Courses

Mining courses for shotfiring, preparation, coal mining and mine safety. Courses presented in U.S.A. and China.

Staff

Staff have extensive experience in coal mine operations and consulting for the mining and minerals engineering sector, are qualified in engineering and geology (Ph.D.), and have extensive experience in providing short seminars and training packages.

F.G. BERCHA AND ASSOCIATES (ALBERTA) LTD.

#250, 1220 Kensington Road N.W.
Calgary, Alberta T2N 3P5
Ph: (403) 270-2221
Fax: (403) 270-2014
Telex: 03-827666
Contact: Dr. F.G. Bercha, President
Founded: 1975

F.G. Bercha and Associates offer a number of specialized training programs in remote sensing, industrial engineering and arctic engineering. Current training contracts include: remote sensing and digital image analysis for southeast Asian government departments, industrial engineering, and risk analysis for a number of Alberta companies.

Courses and technology transfer programs have been conducted in various parts of Canada, the U.S.A., Norway, UK, Saudi Arabia, Indonesia, Malaysia, South America, and France.

Programs or Courses

The company designs and conducts specialized training programs relating to remote sensing, industrial engineering,

arctic engineering and risk analysis. Technology transfer programs are designed to specific client needs with course presentation worldwide.

Facilities

Classroom facilities are available at the Calgary and Ottawa premises or at the client's location.

CENTRE FOR FRONTIER ENGINEERING RESEARCH (C-FER)

200 Karl Clark Road
Edmonton, Alberta T6N 1E2
Ph: (403) 450-3300
Fax: (403) 450-3700
Contact: Dr. W. D. Roggensack, Vice President, Planning and Marketing
Founded: 1983

C-FER develops the student's expertise in engineering related to downhole tubular systems, materials, structures, safety and risk technology.
This not-for-profit institution is a collaborative venture funded by industry, governments, and universities. C-FER's mandate is to undertake research designed to foster the safe and economical development of Canada's petroleum resources.

Programs or Courses

C-FER is committed to a philosophy of collaborative training for engineering students at both the undergraduate and graduate levels. Undergraduate students can enhance their learning experience at C-FER through cooperative education programs, a university-based educational plan which formally integrates the student's periods of study with periods of paid, discipline-related work. C-FER also encourages graduate students to combine their graduate work with related research at C-FER. In both cases, students benefit from direct involvement with industry, university and government .

Staff

Staff includes civil, mechanical, and metallurgical engineers, corrosion specialists and other related professionals. All have considerable research experience and several senior engineers have extensive industry experience as well.

Facilities

C-FER has specialized lab facilities for structural, mechanical and corrosion research. In the spring of 1990, C-FER's world-class test facility was opened. It is designed to enhance state-of-the-art testing in both offshore structures research and downhole tubular systems investigations. In addition, C-FER has access to the University of Alberta's laboratory and library facilities.

COMMONWEALTH SEAGER GROUP

P.O. Box 9139, Station E
10848 - 214th Street
Edmonton, Alberta T5P 4K2
Ph: (403) 447-4565
Fax: (403) 447-3215
Contact: Mr. R.B. Jones, Manager of Marketing
Founded: 1969

Commonwealth Seager trains personnel in all facets of cathodic protection, corrosion, and gas leakage detection technology from basic design through to maintenance for virtually all industrial markets. This training consists of classroom instruction and field application.

Programs or Services

Courses on basic corrosion, cathodic protection, corrosion overview, and corrosion coatings are five days. Gas leakage detection courses are two days. The group has provided training programs in Kenya in connection with a large cathodic protection installation at a fuel storage facility.

Staff

The president and managers have extensive experience and have presented training programs regarding cathodic protection to clients in the oil and gas, utility, and municipal services sectors.

Facilities

Commonwealth Seager has classroom space for ten students and a technical library with reference material on cathodic protection.

Training Fees
Five-day: $1,675 per student.
Two-day: $950 per student.

COOPERS & LYBRAND CONSULTING GROUP

2600, Bow Valley Square 3
255 - 5th Avenue
Calgary, Alberta T2P 3G6
Ph: (403) 260-2222
Fax: (403) 264-1650
Contacts: Mr. Graeme Bate, Manager (Ph: (403) 260-2274). Mr. Chris Phillips, Principal (Ph: (403) 260-2132). Mr. David Smith, Partner (Ph: (403) 260-2128). Mr. Peter Huggard, Partner (Ph: (403) 263-3505).

Coopers & Lybrand provides focussed training in the full range of management disciplines. The company employs skilled Canadian professionals who possess the necessary backgrounds in business and public sector management as well as experience with course design and delivery. Staff have substantial international experience with personal understanding of the cross-cultural learning process. Courses are designed to address the special needs of overseas participants, incorporating a custom blend of theory, case study, small group workshops, and interactive discussions. Whatever the industry focus, emphasis is placed on managing for results. Through their world-wide offices, Coopers & Lybrand can effectively support overseas training while contributing valuable local insights to course materials and instructor/participant interaction.

Programs or Courses
Management: Economic Forecasting; Strategic Planning; Organizational Analysis; Financial Development Management; Policy Developments and Program Evaluation; Project Management/Planning and Control Systems; Materials Management/Procurement; Management of New Technologies and Technology Transfer; Systematic Maintenance Management; Total Quality Management; Manpower Planning and Human Resource Management, including Indigenization Programs.
Information Technology: Strategic Information Systems Planning, C.A.S.E. Technology, Database and 4th Generation Language (4GL) Application Development, and Planning and Delivery Methodologies (SUMMIT Reg'd).
Computer Systems: Management Information Systems; Managing Information Technology; Systems Specification and Structured Design; Computer Audits; Micro-based End User Computing; Systems Security and Disaster Recovery Planning.

Experience in training programs for oil and gas, mining, high-technology manufacturing, telecommunications, construction and food processing industries. Overseas training experience for clients in Thailand, Indonesia, Taiwan, South America, Bermuda and Africa.

Staff
Coopers & Lybrand consultants are professionally qualified and experienced in accounting and auditing and have extensive project/consulting experience in computer systems, economic and financial modelling, computer aided design, taxation, and human resource management.

Facilities
Extensive libraries are maintained on specialized audit, accounting and tax subjects related particularly to the oil and gas industry, as well as a more extensive collection of oil and gas industry materials.

CYCLONE ENGINEERING SALES LTD.

9719 - 60th Avenue
Edmonton, Alberta T6E 0C4
Ph: (403) 436-1385
Fax: (403) 436-1388
Contact: Mr. Patrick M. Dea, P.Eng., President & General Manager
Founded: 1963

Cyclone offers training programs covering coal preparation engineering from process design to planning, construction, and operation. Participants are trained in the manufacturing process for cyclones and specialized equipment for the coal industry. They learn how the various components are manufactured, assembled, and tested. Training deals with laboratory analysis and pilot plant operations to pro-

vide an understanding of sampling and testing procedures for coal producers and purchasers. Programs include on-site visits to Western Canadian coal preparation plants, the University of Alberta Coal Research Facilities and other coal research facilities.

Programs or Courses

Topics include: coal mining and preparation; laboratory and pilot plant training; and coal preparation design and operator training.

Staff

The project manager, project engineer and laboratory supervisor have broad experience in the design, building and operations of coal preparation plants and the coal analytical laboratory.

Facilities

Cyclone has a coal testing laboratory and pilot plant with a specialized library of coal preparation books, articles and papers, etc.

EVALUATION ASSOCIATES, SILLITO EDUCATION CONSULTING INC.

P.O. Box 48052
St. Albert, Alberta T8N 5V9
Ph: (403) 460-1014
Fax: (403) 460-7205
Contact: Mr. Murray Sillito, President. Dr. M.T. Sillito, Past-President
Founded: 1977

This company provides specialized education consulting services. The company is an internationally recognized and experienced company.

Programs or Courses

Professional Services: Program and Curriculum Evaluation; Program and Curriculum Development; Instructional Improvement Workshops; Professional Development Training Services; Educational Seminars, Workshops and Conferences; and Project Management.

Specializations: International Education; Indigenous Education; Program Improvement; Education Research; Adult Education; and Educational Administration.

Staff

Our associates have extensive international consulting experience along with Masters or Doctoral degrees.

HUGHES AIR CORPORATION

#212, 4919 - 59 Street
Red Deer, Alberta
T4N 6C9
Ph: 346-6066
Fax: 341-3770

Hughes operates cabin-class aircraft for advanced IFR training and aircraft handling.

Programs or Courses

The company specializes in upgrading pilots with basic multi-engine IFR qualifications to airline standards. Programs involve training on both piston and turbo prop aircraft.

In addition to this, the company can co-ordinate training of candidates to meet airline standards within the host country (Canada). This includes quality control of the programs provided by all other agencies involved with the candidates and consultation services for the creation of a domestic training school and/or flying service in the client's country. Programs include the provision of training plans, acquisition of assets and personnel, financial forecasts, budgets and administration from inception to the start of operations.

Staff

The staff includes ex-military as well as airline pilots who have the experience and qualifications to provide superior training.

KOMEX INTERNATIONAL

100, 4500 - 16th Avenue N.W.
Calgary, Alberta T3B 0M6
Ph: (403) 247-0200
Fax: (403) 247-4811
Contacts: Mr. F.B. Claridge, P.Eng., President. Dr. T.L. Dabrowshi, P.Eng., Director. Mr. M.V. Thompson, P.Eng., Director
Founded: 1977

Komex conducts training in all aspects of hydrogeology, groundwater exploration, evaluation and development, contaminant assessment and aquifer restoration programs, as well as computer modelling. Expertise and training support are also provided in surface water (hydrologic) analyses, river basin and hydraulic computer modelling, soil and rock mechanics, and the design of water-retaining structures and roads. Training programs have been offered in Colombia and Swaziland. Oerseas participants have come to Alberta from Ethiopia, India and Bangladesh.

Programs or Courses

These include groundwater resource management in various applications for rural, municipal and industrial water supplies, open pit mining, and agriculture, including environmental management.

Staff

Staff have qualifications and experience in teaching groundwater management, application of computer systems, automatic/remote data collection systems and mechanics, instructional projects focused on technology transfer, and training in all areas of soil testing.

Facilities

Laboratory facilities for geotechnical, hydrogeology and biological remediation testing.

MHL INTERNATIONAL LTD.

#500, 1177 - 11th Avenue S.W.
Calgary, Alberta T2R 1K9
Ph: (403) 229-3666
Fax: (403) 229-2269
Contact: Mr. M.T. Moriarity, P.Eng.
Founded: 1963

MHL provides a wide variety of management and engineering training services. Their management and engineering consultants have proven capabilities in the fields of agricultural, industrial, municipal, institutional, and commercial design. The firm has extensive experience in economic evaluation studies and project management. MHL has completed over 2,000 projects with a combined value in excess of $2 billion. Individual project values have ranged from several thousand dollars to over $45 million.

Programs or Courses

In conjunction with Fairview College, MHL has training expertise in the following:
Livestock Housing & Production: Barns and feedlots; waste management systems; feed mills; feed storage and distribution systems; and abattoirs. Crop Production, **Storage and Distribution:** Land classification and soil analysis; irrigation; greenhouses; materials handling systems; farm site storage facilities; major storage and distribution terminals; and transportation networks, including roads and bridges. **Irrigation and Water Conservation:** Land classification and soil analysis of rainfall and run-off characteristics; storage reservoirs, including canals, piping, structures, dams, etc.; water application systems; drainage and erosion controls; and seeping control.

Staff

A highly trained and experienced staff of professional engineers draw from the expertise of associated companies to allow MHL a wide range of management and engineering services.

MONENCO CONSULTANTS LTD.

400 Monenco Place
801 - 6th Avenue S.W.
Calgary, Alberta T2P 3W3
Ph: (403) 298-4170
FAX: (403) 298-4125
Telex: 038-22636
Contact: Mr. R.L. Benson, Executive Vice President, Western Region
Founded: 1907 - Montreal Engineering Company Limited

Seminars, courses and training services in a wide range of engineering/technical management areas are provided by Monenco Consultants Ltd. Their philosophy is that instructors function most effectively if they are continuously gaining solid experience in teaching areas, hence, Monenco draws instructors from the ranks of its skilled technical staff and provides

them with training in teaching and presentation methods. In this manner the company has built up a staff of skilled personnel who are accustomed to lecturing and providing hands-on instruction to many different types of trainee groups. Training has been offered to participants from many overseas countries, either in Monenco's Calgary office or in the clients' overseas facilities. Monenco has experience in many types of training, including structured classroom presentation, hands-on training and transfer-of-technology programs using a counterpart system. Monenco's instructors are fluent in a variety of languages.

Programs or Courses

Oil & Gas Industry: Project Management, Computerized Control Systems, Planning and Scheduling, Cost Control Estimating, Process Technology, Design Engineering, Construction Management Techniques, Plant Operation, and Off-shore Marine Technologies.
Other Resource Industries: power generation technology, load forecasting for electric utilities, hydrology and river basin planning, hydraulics, dam safety, geotechnical engineering, soil surveys and mapping, terrain analysis, soil analysis, agricultural production, and data collection.
Computers: data base management, on-line systems, microcomputer applications, relational database technology, imaging, spatial analysis, computer-aided design (basic and advanced levels).
Management Training: organization studies, cost/benefit analysis, project management, and electronic communication.
Other: reclamation and environmental health and hygiene programs.

Staff

Monenco has more than 30 engineers, research scientists, economists, and computer specialists. Instructors are practising professionals with training experience. Technology transfer and project-related training have been provided in Grenada (sewage treatment) and Indonesia (agricultural/river basin planning). The transfer of engineering and management knowledge has also been provided in Indonesia (power plant).

Facilities

Monenco Analytical Laboratories in Calgary provide analytical support services for industry and government. These facilities are capable of measuring natural and man-made radioisotopes and carrying out research development studies on waste treatment and management, organic and inorganic compounds, industrial process studies, and radioactivity transport studies.

PEAT MARWICK STEVENSON & KELLOGG

2610, 10104 - 103rd Avenue
Canada Trust Tower
Edmonton, Alberta T5J 0H8
Ph: (403) 429-1700
Fax: (403) 424-2465
Contact: Mr. Gabe C. Shelley
Founded: 1936

Peat Marwick Stevenson & Kellogg is an employee-owned Canadian firm of management consultants who have been serving every level of government, private business and industry, and the not-for-profit sector since 1936.

The company is one of the most diversified management consulting firms in the world, with a demonstrated ability to tackle the full range of management problems and opportunities facing clients today.

Programs or Courses

Courses offered include: Supervisory Skills Training (Ongoing); Board Organization and Operations; Team Building; Stress Management courses; Interpersonal Skills Management; Time Management workshops; Communications workshops; Methods Engineering; Quality Control for Supervisors; and Training in Pay Equity in the Workplace. For Alberta Economic Development and Trade, the company has developed and presented various seminars and workshops in all elements of Physical Distribution including: General Awareness Seminar; Inventory Workshop; Transportation Workshop; Customer Service Workshop; and Computer Application Workshop.

Staff
The staff specializes in management training programs and seminars. In addition, many of the consulting staff combine research projects with management development programs.

Facilities
Depending on the course, on-site training is available for many clients.

SAFETY BOSS LTD.

333, 1010 - 1st Street S.W.
Calgary, Alberta T2R 1K4
Ph: (403) 261-5075 (Calgary)
(403) 342-1310 (Red Deer)
1-800-332-1177
Fax: (403) 266-6093(Calgary)
(403) 342-1625 (Red Deer)
Contact: Mr. M.J. Miller, President
Founded: 1956, The Canadian Blowout Company

Safety Boss specializes in on-site safety training for all sectors of the petroleum industry. The company also supplies independent investigation services for industrial accidents.

Programs or Courses
Both the Alive and Rescue courses are available in H_2S. First Aid Emergency, standard St. John's courses, CPR, Heart Saver and Basic Rescue are also available. Also offered: the Canadian Safety Council, DDC (six or eight-hour courses) and P.D.I.C. Transportion of Dangerous Goods. The Danatec System is used and WHMIS is offered through the Petroleum Association course.

Training Fees
Course cost depends on the customer's instructional requirements and course location. Prices and courses are customized to the needs of the individuals.

THE 10 PLANNER CORPORATION

#601, 324 - 8th Avenue S.W.
Calgary, Alberta T2P 2Z2
Ph: (403) 264-1010
Fax: (403) 264-1069
Founded: 1986

10 Planner provides training for computer based solutions in the areas of integrated financial reporting, budgeting and long range planning. The company offers a computer software product, 10 Planner, which is aimed at financial end users who wish to develop their own financial applications. The 10 Planner operates in many computer environments (DOS, OS/2, LAN's, IBM mainframes, etc.) and is technologically modern (written in the C language). The 10 Planner tool requires very little training and can be used by financial personnel with minimal previous computer experience.

The company also offers assistance to companies who want to have financial solutions built for them, or in a joint development mode with in-house staff and 10 Planner experts. These projects have been undertaken for clients such as BCE, Magna International, Imperial Oil, the Liquor Control Board of Ontario, the Laurentian Group and many others. Several of these applications involve the electronic integration of existing accounting systems (general ledgers) with budget and strategic planning systems developed using 10 Planner.

Headquartered in Canada, 10 Planner has offices in Calgary and Toronto. Major implementations of 10 Planner have also been done in South America and the United Kingdom. These installations were a combined effort of client staff, 10 Planner staff and in some cases, management consultants.

Programs or Courses
Training seminars and application consultants are available from the company.

Staff
Staff is qualified in many areas including development testing, education, applications and innovative instructional design.

Facilities
A dedicated classroom for 10 with individual PCs and all audio/visual components.

Training Fees
Courses vary from beginners (three days) $895 to advanced (one day) $350.

UNITED RESOURCE SAFETY LTD.

#340, 525-28th Street S.E.
Calgary, Alberta T2A 6W9
Ph: (403) 273-7774
Fax: (403) 273-0963
Contact: Mr. Fred Farmer, Sales Manager

This company provides training for fundamental safety and loss control. Courses range from three-day courses for Fire Training to three-week courses on Safety Management. United Safety has the staff to design and teach custom courses that would address safety concerns in any industry.

Programs or Courses

Fire Prevention; Fire Fighting; Management Safety Training; Accident/ Incident Investigation; Production Facility Safety; Training Skills for Supervisors; Work Place Hazardous Materials Information System (WHMIS); Transportation of Dangerous Goods; Hazardous Environment Entry; Defensive Driving (Canada Safety sanctioned); Driver Improvement; Emergency Response Planning; First Line Supervisors Blowout Prevention; On-the-Job Blowout Prevention for Drill Crew; Advanced Well Control for Drilling Supervisors; Well Service Blowout Prevention; Well Service Blowout Prevention for Supervisors; H_2S Alive; H_2S Rescue; Emergency First Aid (St. John's Ambulance sanctioned); Cardio-Pulmonary Resuscitation (Canada Heart Foundation).

Staff

United Safety's experienced staff is led by a Training Coordinator with 10 years industry training experience. The Training Coordinator supervises a staff of 15 instructors versed in several different disciplines.

Facilities

Classroom facilities for up to 20 students in Calgary. The company uses and manufactures mobile training modules for on-site needs.

WORKING SYSTEMS LTD. (WSL)

640-21, 10405 Jasper Avenue
Edmonton, Alberta T5J 3S2
Ph: (403) 424-0405
Fax: (403) 488-0845
Contact: Karilee Orchard, President
Founded: 1987

Working Systems Ltd. serves organizations requiring intensive, effective, and reality-based computer training for staff. In addition, WSL designs and markets classroom-based training materials. Training can be customized for an organization. Experts can assist a business in computerizing the accounting function on or off-site. Classroom rental and instructor supply services are available. Personalized executive training is a specialty.

Programs or Courses

Short business courses on IBM-compatible software including DOS, Windows, WordPerfect, Word, Lotus, Excel, dBase, Paradox, Bookkeeping, Bedford, ACCPAC, PCTools, Ventura, Corel Draw and Harvard Graphics. Others may be arranged.

Staff

Both permanent and contract staff are experienced in delivering effective PC training in a classroom situation, as well as providing training needs analysis and consulting to organizations of all sizes.

Facilities

Working Systems Ltd. provides two PC-based classrooms as well as facilities for video-based self-paced training.

POST-SECONDARY INSTITUTIONS

ALBERTA VOCATIONAL COLLEGE - CALGARY (AVCC)

332 - 6th Avenue S.E.
Calgary, Alberta T2G 4S6
Ph: (403) 297-3930
Fax: (403) 297-4081
Contact: Mrs. Nancy Lynch, President

AVCC educates adults in southern Alberta for employment through academic upgrading and skill development. The College, administered by Alberta Advanced Education, is located in Calgary's downtown business district. AVCC programs are short in duration and provide both the academic base and practical experience to enable adults to succeed in further education or the career of their choice.

AVCC trains 6,500 full-time and 17,000 part-time learners annually. The academic and vocational programs are also delivered outside the main campus to approximately 30 southern Alberta communities.

The College employs curriculum design specialists who custom-design training programs for Calgary and area business and industry.

Programs or Courses

AVCC offers basic education, academic upgrading, and General Education Diploma (GED) preparation and testing programs. Adults may resume their education where it was left unfinished and see it through to high school completion. The College offers one of Alberta's largest English as Second Language (ESL) programs and delivers specialized ESL to business and industry. Academic and job courses for the deaf are offered. In cooperation with the Faculte Saint-Jean, AVCC delivers credit and non-credit courses in French to Calgary's Francophone population.

Vocational programs include Business Careers, Nursing Assistant, Hospital Unit Clerk, Homemaker, Plant Care, Building Service Worker, Security Officer Training, Hotel and Restaurant Hospitality, Care Attendant for the Physically Disabled, Computer Training and Repair, Landscape Maintenance and Design, Resident Manager, and Supervisory Training Programs. A primary component of most AVCC vocational programs is on-the-job work experience to develop practical skills and provide a true taste of the occupation being pursued.

AVCC's full-time and part-time programs and courses can be adapted to business and industry for staff development.

Staff

The College currently employs 360 full and part-time instructional staff. Faculty have undergraduate/graduate degrees, specializing in adult education, English as Second Language, linguistics, nursing, and business. Many staff come from business, health care, hospitality, and other service industries.

Facilities

In addition to classroom facilities, the College has special purpose laboratories, library facilities offering tutorial assistance, a wide range of computer hardware and software, and computer-managed learning capabilities.

ALBERTA VOCATIONAL COLLEGE - EDMONTON (AVCE)

10215 - 108 Street
Edmonton, Alberta T5J 1L6
Ph: (403) 427-5444
Fax: (403) 427-5465
Contact: William Sokolik, Acting President
Founded: 1965

AVCE provides educational programs and services for adults who require basic literacy, academic upgrading, English as a Second Language, or entry level occupational training to enhance their economic opportunities.

Enrolment in the College's programs and courses exceeds fourteen thousand learners annually. Custom designed programs and courses are provided to government departments, associations and to various businesses and industries.

Programs or Courses

A systems approach is utilized in the planning and delivery of instructional programs and courses to assure that the learner's educational and training requirements are addressed. The academic programs range from basic literacy to General Educational Development and high school level courses. Programs are designed for learners to commence at their level of functioning and enable them to enter directly into employment or to obtain prerequisites necessary for further education in the College's skill training programs, or at other colleges, technical institutes or universities.

AVCE has specifically designed an extensive curriculum to service the needs of new Canadians through English as a Second Language programs which are delivered on a full-time, part-time or special purpose basis. Special programs have been designed and delivered for non-English workers in trades, hospitality, health, and the oil industry.

The College's skill training programs may be up to one year in length and are intensive, practical and specifically designed to provide graduates with job-related knowledge, skill and attitudes. Skill training areas include: modern office technology, accounting, nursing assistant, orthopedic technician, residential aide, building service worker, pre-employment cooking, bartending, offset printing, and employment preparation for mildly mentally handicapped. Two distance learning in-service programs have been developed for personal care aides and home support workers employed throughout the province.

Program and course delivery modes include distance education, computer-managed and computer-assisted learning, volunteer tutor programs, and on-site at work sites.

Extensive student support services are provided in vocational choice, counselling, health, day care, and specialized services for the physically challenged or learning disabled.

AVCE has extended its resources into the field of international education since 1983. A seven year project with the Government of Singapore has included extensive in-service training of teachers, adults, development of curriculum materials for a variety of programs, Train-the-Trainer workshops, and a number of research projects. In addition, College faculty have educational experience in Korea, People's Republic of China, Kenya, and the Middle East.

Staff

AVCE employs over 300 professionals, who possess expertise in the areas of adult administration, instructional design, curriculum development, production of training materials, program evaluation, assessment of learning problems, and instructional methodology.

Facilities

Programs and courses are provided on three Edmonton-based campuses, on community-based campuses, and at correctional centers throughout central and Northern Alberta. Urban campuses' facilities include classrooms, administrative offices, central computer facilities, laboratories, learning resource centers and specially designed classrooms which simulate an industry setting for skill training.

AVCE's resources are available to support the programs and services of other organizations in Canada and abroad.

ALBERTA VOCATIONAL COLLEGE - GROUARD (AVCG)

Mission Street
Grouard, Alberta T0G 1C0
Ph: (403) 751-3915
Fax: (403) 751-3825
Contact: Mr. Dan Vandermeulen, President
Founded: 1970

AVCG offers a full range of programs from academic upgrading to one-year certificate programs in areas such as business, pre-employment trades, resource technologies, health care, and native cultural arts.

The College is a multi-campus institution with education services in over 20 communities in northwestern Alberta. The College recognizes the

training needs in the region and works closely with communities, business and industry to design and deliver programs to satisfy those needs.

Programs or Courses

Academic Programs: Basic, high school, and university levels.
Trades Training: Motor Mechanics, Welding, Carpentry, Cabinet making, and Cooking at a pre- employment level.
Resource Technology: Forestry, Survey, Power Engineering, and other oil and gas-related programs.
Business Programs: Small Business Management, Band Administration, and Secretarial Skills.
Health Care Programs: Nursing Assistant, Social Services Worker, and Family Support Worker.
Unique Native Cultural Artist programs and English as a Second Language are also available. As well, a variety of general interest and professional development short courses are available through the Continuing Education Division.

Staff

Approximately 80 full-time and 10 part-time instructional staff with certificates and degrees ranging from journeyman level to Master's degrees.

Facilities

The main campus at Grouard has classrooms, shops, science and computer laboratories, a Learning Resources Center, daycare, cafeteria, and residence building. A family student-housing project is in operation. There are eighteen education centers with classroom facilities in communities throughout the service region. In addition to classroom instruction, AVCG utilizes computer-managed learning and distance education systems to deliver programming.

ALBERTA VOCATIONAL COLLEGE - SLAVE LAKE (AVC-SL)

Box 1280
Slave Lake, Alberta T0G 2A0
Ph: (403) 849-7160
Fax: (403) 849-2570
Contact: Mr. Bert Seinen, Director, Student Services
Founded: 1970

Slave Lake Campus provides academic upgrading to local residents. Graduates have the opportunity to acquire skills so they may participate in the economic development of north-central Alberta. It is a community-based institution with 18 centers and two campuses spread throughout north-central Alberta. Each community has a Community Education Committee which provides direction to the local Adult Education Center. These committees select a representative who sits on a Council of Community Education Committees that provide overall direction to the President of AVC-SL.

Programs or Courses

Vocational programs include academic upgrading from basic literacy to high school completion. Technical Training and Certificate Programs include: Secretarial Skills, Social Services Worker Diploma, Small Business Management, Computer Accounting, Band Administration, Nursing Assistant, Family Support Worker, Nursing Refresher, Personnel Management, Motor Mechanics, Carpentry, Cook Training, Welding, Forestry, Survey Technician, Natural Resource Worker, Traditional Native Arts, Textiles and Clothing Design, Cross Cultural Awareness, Emergency Medical Technician, Oilfield Maintenance, Truck Driver, Small Engine Mechanics and Business Management.

Staff

One hundred and sixteen full-time and 63 part-time instructional staff with appropriate qualifications teach in the 20 centers.

Facilities

A new campus is currently being constructed in Slave Lake. Community-based centers range from a single classroom unit to a multi-classroom facility. Mobile classrooms provide itinerant programs in skill training.

FAIRVIEW COLLEGE

Box 3000
Fairview, Alberta T0H 1L0
Ph: (403) 835-6600
Fax: (403) 835-6698
Contact: Mr. Fred Trotter, President
Founded: 1951

Fairview College specializes in agriculture and technical training. Major agricultural programming includes animal health technology, livestock production, crop production, turfgrass technology and beekeeping. The College is located in northwestern Alberta and is a two-year technical, vocational residential institution. The College has experience in designing courses to meet current skill levels and needs of participants from overseas countries. The College's tropical beekeeping and motorcycle mechanics programs are unique to Canada.

Programs or Courses

Agricultural sciences in areas of animal health technology, turfgrass management technology, as well as farming practices and agricultural service industries. Business studies, accounting and administration with emphasis on local government administration and small business management. Full range of trades training at pre-employment, certificate and journeymen levels. Fairview College has engaged in at least one international effort per year over the past several years and has had overseas students studying at the College from Uganda, Tanzania, and Costa Rica.

Staff

Approximately 100 full and part-time instructional staff, several of whom have teaching, administrative and education administrative experience in several African and Latin American countries, Bolivia, India, Malaysia, and the Philippines.

Facilities

The College consists of agricultural facilities and equipment to provide complete instruction in all areas of livestock and crop production, as well as greenhouses, specialty labs, trades workshops, and residential accommodation.

GRANDE PRAIRIE REGIONAL COLLEGE

10726 - 106th Avenue
Grande Prairie, Alberta T8V 4C4
Ph: (403) 539-2911
Fax: (403) 539-2832
Contact: Mark Dombrova, Project Officer, Extension Services
Founded: 1966

The College provides preparatory, vocational and university transfer programs. Many career programs are available to prepare individuals for employment. Custom-designed programs can be prepared to meet short-term career training needs.

Programs or Courses

English as a Second Language, Office Administration, Power Engineering, Computer Systems Technology, Business Administration, Academic Upgrading, Heavy Transport, Pre-Apprentice Trades Training, Industrial Safety, Consumer Electronics, Diploma Nursing, Early Childhood Development, Rehabilitation Service Worker, and one or two-year university transfer programs in most disciplines.

Staff

There are approximately 180 instructors. Technical training instructors have journeyman qualifications. Most career program instructors have graduate degrees and for university transfer programs, there is a preference for doctoral degrees.

Facilities

In addition to classrooms, laboratories, and shops, Grande Prairie Regional College offers a unique learning environment. The open main campus and small student/faculty ratios ensure access to instructors and support learning. Learning is also enhanced by the distinctive design of the College's theatre, the fitness, athletic, and recreational facilities and programs, and the Learning Resource Center's excellent complement of books, periodicals and audio visual materials.

GRANT MACEWAN COMMUNITY COLLEGE

7th Street Plaza
10030 - 107th Street
Edmonton, Alberta T5J 3E4
Ph: (403) 441-4832
Fax: (403) 441-4849
Contact: Ms. Kathy Higgins, International Education Coordinator
Founded: 1971

Grant MacEwan College designs and delivers tailor-made training packages ranging from workshops to entire programs. These specialized offerings are given at clients' premises, regular campus locations, and overseas with the assistance of its International Education Center. As part of the Management Studies Program, the College offers an International Business Certificate directed towards Alberta business people.

Programs or Courses

There are 40 credit programs in business, community services, health sciences, performing visual and communication arts, arts and science, and university transfer. Community education programming includes English as a Second Language, inmate education, senior studies and multicultural programs.

Staff

The College employs 152 full-time and 435 part-time academic staff. College staff have experience in Uganda, Malawi, Malaysia, the People's Republic of China, Philippines, Hong Kong, Ecuador, Papua New Guinea, Swaziland, Botswana, and Australia.

Facilities

Programming is offered in four facilities located throughout the city of Edmonton. There is a range of laboratory and special-purpose instruction facilities for microcomputers, language, visual arts, audio-visual communication, journalism and nursing.

Training Fees

Fees vary by program. Special training fees are negotiated.

KEYANO COLLEGE

International Education Office
8115 Franklin Avenue
Fort McMurray, Alberta T9H 2H7
Ph: (403) 791-8967
Fax: (403) 791-4868
Contact: Jeanne MacIntyre, Coordinator Native & International Program

Keyano College is a comprehensive post-secondary institution providing adults with a wide range of educational opportunities. The College also pursues community service initiatives that enhance quality of life.

Programs or Courses

The College's academic division includes full programming in adult basic education, business administration, business education, college preparation, computer business systems, early childhood development, occupational english, and university transfer.

Other divisions include hospitality and culinary management, nursing, trades and technology, including apprenticeship programs, pre-employment trades programs and technical programs. There is also community and instructional support services which assist the community in meeting its educational, recreational, and professional development needs by offering credit, non-credit and client specific courses and programs.

Heavy Industrial programs offered include Heavy Equipment Operator, Backhoe Operator, Truck Transport Driver, School Bus/Bus Operator, and Grader Operator.

The College will develop, administer and/or participate in international development projects consistent with the priorities of the Canadian International Development Agency, with particular focus on the Americas, Latin America and the Caribbean, Africa, and Asia. Keyano is interested in all international projects that emphasize curriculum, human resources and systems development, which promote the capability of developing nations to help themselves.

Facilities

Clearwater Campus has classrooms, offices, laboratories, a library, and a 570-seat theatre. Residence accommodation for 118 single students in Clearwater Hall.

MacKenzie Campus, situated on 860 acres, is the College's heavy industrial campus and the largest of its kind in Canada. The campus delivers a variety of industrial programs locally, provincially and internationally.

Riedel Place has residences for 104 student families in 82 townhouses and two apartment buildings, and a daycare center.

LAKELAND COLLEGE

Bag 5100
Vermilion, Alberta T0B 4M0
Ph: (403) 853-8400
Fax: (403) 853-7355
Contact: Mr. Taras Saruk, International Education Officer
Founded: 1913

Lakeland College offers programs in agricultural sciences, business administration, design and drafting technologies, early childhood development, environmental sciences, heavy oil operations, as well as technician and pre-employment programs.

Programs or Courses

Agriculture: Agricultural Machinery, Agricultural Systems, Animal and Herd Health, and Crops.
Business: Accounting, Agribusiness, Appraisal and Assessment, Data-Processing, and Management.
Trades: Electrical, Motor Mechanics, Plumbing, Industrial Cooking, and Heavy Oil Operations.
Other Training: Aerial Applications for Crop and Forestry Management. Currently provides training in Thailand, Uganda, and Jordan.

Staff

There are approximately 150 instructional staff employed by the College.

Facilities

Lakeland has specialized lab facilities, trades shops, agricultural facilities and residential accommodation, as well as computer hardware and software for monitoring aerial applications.

LETHBRIDGE COMMUNITY COLLEGE

3000 College Drive South
Lethbridge, Alberta T1K 1L6
Ph: (403) 320-3200
Fax: (403) 320-1461
Contact: Dr. W. Dale Heyland, Vice-President Academic
Founded: 1965

Lethbridge Community College provides a wide range of programs in areas such as environmental science, law enforcement, trades (apprenticeship programs in automotives, heavy duty equipment, agricultural mechanics, electrician, welding, and carpentry) and agriculture.

The College has the second-largest enrolment in the Province of Alberta for students specializing in agricultural-related studies. Programs include animal and crop production, agricultural mechanics, watershed management and irrigation technology, meat processing, etc. The largest Agriculture Research Station in Canada is located in Lethbridge and provides a community resource to the College. As well, the College has an agricultural building and 65 acres of land for crop and irrigation project work.

Programs or Courses

Classes offered include: Watershed Management, Renewable Resource Management, Conservation Enforcement, Fish and Wildlife Technology, Agricultural Technology, Irrigation, Electronics Technology, Computer Science, Rehabilitation Services, Recreation Management, Business Administration and Civil Engineering Technology. The College is currently involved in international education projects in Ethiopia, Thailand and Costa Rica, and also provides training in English as a Second Language.

Staff

One hundred and sixty full-time faculty with academic qualifications ranging from undergraduate to Ph.D. degrees are employed by the College. Trades training staff have appropriate trade qualifications.

Facilities

The College has classroom facilities, a 65-acre agricultural facility, 20 trade shops, 10 technology labs with facilities in automotive mechanics,

electronics, computer-assisted drafting, hydraulics, and library facilities with on-line data computer services, computer-managed learning facilities, and inter-library loans. Other teaching centers are in North Lethbridge, Taber, Pincher Creek, Claresholm and the Crowsnest Pass. Lethbridge Community College has cooperative programming with the Blood and Peigan Indian Reserves.

MEDICINE HAT COLLEGE

299 College Drive S.E.
Medicine Hat, Alberta
T1A 3Y6
Ph: (403) 529-3811
Fax: (403) 529-2437
Contact: Dr. Ralph Weeks, Director of Instruction
Founded: 1965

Medicine Hat College offers university transfer (2,500 students registered), diploma, certificate and college preparation programs, as well as trades courses. The Community Education Division offers a wide variety of courses to the general public, local businesses and industry. The Conservatory of Music and Dance, with over 700 registrations, provides opportunities for lessons in individual instruments, ballet, ensembles and voice.

The College is located in southeastern Alberta with campuses in Medicine Hat and Brooks. During the year, many educational conferences take advantage of the College's facilities, which include condominium housing for 250 and a food service. Local Community organizations use the College's facilities and grounds.

Programs or Courses

One and two-year university transfer programs, transferable to many Canadian and U.S.A. universities are available. Diploma and certificate programs include Business Administration, Computer-Aided Drafting, Computer Systems Technology, Early Childhood Development, Nursing, Office Technology, Power Engineering Technology, Travel Consultant, Visual Communications, and Apprenticeship. A large number of entry level programs such as English as a Second Language, Adult Basic Education and high school equivalency (Grades 9-12). The Conservatory of Music and Dance offers private and group instruction. The Community Education Division contracts with local businesses for specific types of training and a variety of CJS sponsored programs. Also, the College is currently involved in a training project for college administrators from Thailand.

Staff

Approximately 120 full-time faculty with qualifications from Journeyman Certificates to Ph.D.s. Many additional instructors are employed for special programs and projects.

Facilities

The College has classroom and seminar facilities, two modern computer labs, a computer-aided drafting lab, a mock hospital, well-equipped visual communication/graphic art labs, science labs, a model secretarial office, a language lab and apprenticeship training labs. The College's Cultural Center is the hub for the City of Medicine Hat's cultural programs and the College's Department of Music and Dance. Students have access to a 60,000 volume library and an innovative Study Skills Center. The College's 547-seat theatre is the only large theatre in the region and is used extensively by community groups. A new campus is being planned for Brooks, Alberta.

MOUNT ROYAL COLLEGE

4825 Richard Road S.W.
Calgary, Alberta T3E 6K6
Ph: (403) 240-6111
Fax: (403) 240-5938
Contact: Mr. Hunter Wight, Director, Public Affairs and Development
Founded: 1910

Mount Royal offers university transfer (one-year and two-year), two-year career diploma, one-year certificate, continuing education and music courses and programs. Eight Co-operative Education programs combine paid, on-the-job work experience with in-class study. Part-time study certificate programs offer professional upgrading.

Classes are offered at the Southwest Calgary Lincoln Park Campus, City Center Campus, or through distance delivery. Enrolment consists of 7,000 credit students per semester, 23,000 continuing education students per year, 9,000 music and speech students per year.

Programs or Courses

Two-year diplomas in career areas such as business studies, applied arts, community and health studies, and science and technology are offered. Certificate programs in these areas are custom designed to meet industry need. The College has several accrediting arrangements with professional organizations. English as a Second Language and International Education are also offered.

Staff

Mount Royal employs over 1000 instructors in their full-time, part-time and continuing education programs.

Facilities

A $73 million expansion of the Lincoln Park Campus was completed August 1989. The $12 million student residence opened August 1989. The new City Center Campus opened in September 1990.

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY (NAIT)

11762 - 106th Street
Edmonton, Alberta T5G 2R1
Ph: (403) 471-7524
Fax: (403) 471-8583
Telex: 037-2966
Contact: Mr. Ken Ohashi, Director, International Education/Applied Research and Product Development
Founded: 1963

NAIT offers career-oriented training in 65 diploma programs (two-year), over 700 continuing education courses (part-time), and 22 apprenticeship trades programs. NAIT is the largest technical training institution in Canada. In 1984, NAIT established the Office of Applied Research and Product Development to help domestic and international business bridge the gap between pure research and commercialization. NAIT began its international involvement when the Institute opened in 1963, and has been involved in international education projects in 18 countries on five continents.

On July 1, 1990, NAIT took over administrative responsibility for the Westerra Institute of Technology.

Programs or Courses

Full-time programs are available in engineering technologies, health and medical sciences, business, computing, applied arts, hospitality and personal service, resource technologies, and a range of trades.

Staff

The Institute has a talented and diversified faculty numbering more than 750, many with extensive technological, industrial, and business experience. Over 100 NAIT instructional and administrative staff have applied their teaching and industry experience to varied international projects which include consulting, curriculum development and validation, and training of instructional staff in pedagogical techniques (training trainers).

Facilities

Because NAIT emphasizes practical, hands-on training that is directly applicable to the workplace, facilities and equipment for students are state-of-the-art. It is also equipped to offer customized training programs to business, industry, and government. Buildings on the main and satellite campuses occupy some two million square feet and house 175 classrooms, 370 shops and laboratories (excluding Westerra), and the best in-study and recreational facilities.

OLDS COLLEGE

Olds, Alberta
T0M 1P0
Ph: (403) 556-8200
Fax: (403) 556-4698
Contact: Mr. Reg Radke
Founded: 1913

Olds specializes in agricultural education. Olds College is located in the heart of the very rich and productive agricultural area in south central Alberta, just 90 kilometers north of Calgary. The unique rural college environ-

ment, including large modern farm and horticulture-related facilities, gives students a top-notch combination of theoretical knowledge and practical instruction in agriculture and horticulture. The College's graduates have established high standards of achievement throughout Alberta, Canada and the rest of the world.

Olds College has 1,000 full-time students, 1,500 part-time learners in Home Study programs, 2,400 part-time learners in Extension Education courses, and 20,000 conference facility users annually.

Programs or Courses

The College offers 18 career study programs, 1 and 2 year Certificate and Diploma programs, International Certificate studies, and cooperative programs with colleges and universities in Canada and abroad. (University and college transfer, and student and faculty exchanges). Programs include: College Qualifying, Academic Upgrading, College Exploratory, Agriculture Business (General or Finance major), Agricultural Engineering Technology (Machinery Products major, Structures and Materials Handling major, Environmental Engineering major), Agricultural Mechanics (Certificate and Diploma), Agricultural Production (Crop, Livestock - Swine or Beef majors, General), Animal Health Technology, Equine Science (General, Western and English Trainers Assistant, Farrier Science, Western Coaching Diploma), Horticulture (Landscape Management, Turf Management, Integrated Pest Management, General Production, Greenhouse Management, Interior Plantscape), Land Agent (Field Services, Land Administration), Land Resource Management (Agronomy, Soil and Water Conservation, Land Classification and Reclamation, Agricultural Fieldman), Meat Processing, and Transitional Vocational Programs.

Olds College has international students in regular full-time programs and provides international certificate studies and international consulting services. The College's international experience includes Asia, Africa, Mexico and Eastern Europe.

Staff

100 instructional staff (with educational qualifications at the diploma and masters and doctorate university degree levels) and 85 support and technical staff are employed at the College.

Facilities

A five hundred hectare farm with livestock, and commercial enterprises such as meat processor and retail outlets are part of the College. As well, Olds has twenty-two hundred square meters of greenhouse area and 5 hectares of dedicated plot area for hands-on training in greenhouse, vegetable and field crops management.

RED DEER COLLEGE

Box 5005
Red Deer, Alberta T4N 5H5
Ph: (403) 342-3300
Fax: (403) 340-8940
Contact: Mr. D.C. Snow, Acting Vice-President Academics
Founded: 1964

Red Deer College offers a full range of programs from basic literacy to university-transfer courses, including formal certificate and diploma programs in technical and trades training areas. The College's management development courses meet the needs of local businesses and industry. Six academic divisions are staffed to provide short program/course training for business and industry.

Programs or Courses

The College offers short courses for technical training and service sector employment, one-year and two-year programs in computer technology, business administration, and biological science technologies including pharmacy technician and nursing. The certificate and diploma programs vary in length from 8 to 22 months. Red Deer College offers an extensive English as a Second Language (ESL) program as well as basic education programs.

Staff

There are approximately two hundred full-time staff at Red Deer College. Staff provide training services in several

African countries (Uganda, Kenya, Malawi) and waterwell drilling in Indonesia.

Facilities

The College has excellent classroom facilities, a Fine and Performing Arts Center (recently-completed with up-to-date equipment), laboratory facilities for sciences, nursing, computers, and vocational apprenticeship programs in carpentry, electrical, plumbing, automotive, and autobody welding, and a Library Resources Center for support at all levels up to second-year university.

SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY (SAIT)

1301 - 16th Avenue N.W.
Calgary, Alberta T2M 0L4
Ph: (403) 282-6184
Fax: (403) 284-8449
Contact: Mr. Guy McLaughlin,
Supervisor

SAIT offers over 55 full-time credit programs in the applied arts, trades, engineering technology, and medical sciences and has an annual enrolment of 5,500 students. Studies prepare students for employment in specific areas following two-year diploma programs and one-year certificate programs. SAIT specializes in the development and delivery of courses, seminars, and workshops for employee upgrading in business and industry.

Programs or Courses

Petroleum technology offers specializations in drilling, geology, reservoir, and production. Computer technology has a programming orientation. Electronics engineering technology deals with analysis and design. Industrial electronics technology focusses on installations and maintenance. Telecommunications engineering technology is oriented toward design and maintenance aspects. Business administration has majors in accounting, marketing, administration, and hotel and restaurant administration. SAIT can assist in organizing company attachments for on-the-job experience.

Staff

SAIT has nearly 900 instructional staff specializing in a wide variety of trade areas and academic disciplines.

Facilities

SAIT has a wide range of teaching lab facilities for practical hands-on learning.

UNIVERSITY OF ALBERTA (U OF A)

Rm. 3-6 University Hall
The University of Alberta
Edmonton, Alberta T6G 2J9
Ph: (403) 492-3213
Fax: (403) 492-1438
Contact: Dr. Brian L. Evans,
Associate Vice President
(International Affairs)
Founded: 1908

The U of A offers programs in a wide variety of areas. The Faculties of Engineering, Agriculture and Forestry, Business, Home Economics, Education and Medicine, as well as others, have been active in training programs for many years. In addition, the Faculty of Extension and the International Briefing Center have conducted short-term programs leading to certificates of performance and of attendance. The University has been the site for short courses dealing with water resources, teacher training, management and English as a Second Language. In co-operation with the petroleum industry and various Alberta government departments, the University offers an eight-week summer program for overseas participants.

Programs or Courses

Faculty of Engineering, Alberta Summer Institute for Petroleum Industry Development (ASIPID), Center for Frontier Engineering Research (C-FER), and Center for International Education and Development. Comprehensive services for foreign students are offered through the Office of International Students and the International Briefing Center. Overseas training has been provided in Kenya (management), China (management and human resource training), Thailand (education and petroleum short courses), and Brazil (management, engineering, home economics).

Staff

The University consists of approximately 2,000 full-time professional staff and 500 part-time staff. The majority of full-time staff have advanced degrees to the doctoral level. Through their departments and faculties, staff members have provided specialized short-term training programs for students from other countries.

Facilities

Classroom space available only from May to the end of August and requires prior arrangement. Complete range of lab facilities in sciences, engineering, and medicine. Labs operate year-round and overseas participants would benefit from this on-going operation. The University of Alberta's library collection is recognized among the better collections in North America with the total number of volumes approaching 2.8 million, and 21,000 newspaper and periodical titles.

UNIVERSITY OF CALGARY (U OF C)

2500 - University Drive, N.W.
Calgary, Alberta
T2N 1N4
Ph: (403) 220-5429, non-credit courses; (403) 220-4991, credit courses.
Telex: 038-21545
Fax: (403) 289-7287
Contact: Dr. Lorna Cammaert, Associate Vice President of Student Affairs, (Academic).
Dr. David Kirby, Dean, Faculty of Continuing Education.
Dr. Bill Taylor, Director of Special Sessions, Spring & Summer.
Founded: 1966

The U of C offers degree programs such as Arts, Science, or Commerce (including Masters and Ph.D.), and seminars and short courses in oil and gas technology and exploration, various aspects of business management, and computer and telecommunications technology. These are offered through the faculty of Continuing Education and the Center for International Education and Business. Seminars and short courses of interest to overseas participants can be modified to meet their special requirements.

Programs or Courses

The University has approximately 20,000 students in 16 faculties in four-year degree programs. Short courses and seminars range from one day to three weeks. For the oil and gas industry, many specialized seminars and short courses are designed for practising professionals. Other subjects offered include tar sands and coal mining. The University of Calgary has a wide variety of short non-degree courses for computer and micro-electronic training including telecommunications, as well as seminars and short courses for management training. Specific areas include personnel and finance. More general legal and business courses are also available to provide an understanding of the Canadian business environment.

Staff

The academic staff is comprised of 1,500 persons, the majority with doctorate degrees. The university has a full-time C.I.D.A. co-ordinator and international student advisor to provide support to international students, both full-time and part-time. The university has provided overseas training in Nepal and Gaza, and faculty members have recently worked in Indonesia, Ghana, and China.

Facilities

Modern classroom facilities and laboratories for engineering, chemistry, biochemistry, biology, computer science and languages. In addition to a large central library, there are specialized libraries for geology, medicine, environmental science, and law.

PRIMARY AND SECONDARY INSTITUTIONS

THE PUBLIC SCHOOL BOARDS' ASSOCIATION OF ALBERTA

#8, 11515 - 71 Street
Edmonton, Alberta
T5B 1W1
Telephone: (403) 479-8080
Telefax: (403) 477-1892
Contact: Mr. David King, Executive Director

This is a voluntary, non-profit organization, the members of which are public school boards throughout the province. The Association can provide consulting and direct involvement in many aspects of public education, primarily by seconding staff from member boards.

Programs or Courses

The Association is able to provide consulting and direct involvement related to: legislative and administrative structures; program development; curriculum and instruction; student, school, and system evaluation; school buildings; materials and resource evaluation; distance education; other special education; parent and public support for education; teacher preparation, certification, competency, and discipline.

Contracts may be event specific (conferences and workshops), short-term (6-12 months), or long-term (12-60 months).

Staff

The Association acts as the "turnkey" manager of projects. The staff for such projects are drawn from the public school boards which are members of the association, as well as from other public school boards, and post-secondary institutions within the province. The "pool" of talent and experience from which the Association can draw includes the largest school boards in the province, delivering education in large and diverse metropolitan centres, and also includes jurisdictions with only a small enrollment in very large, sparsely settled and remote areas.

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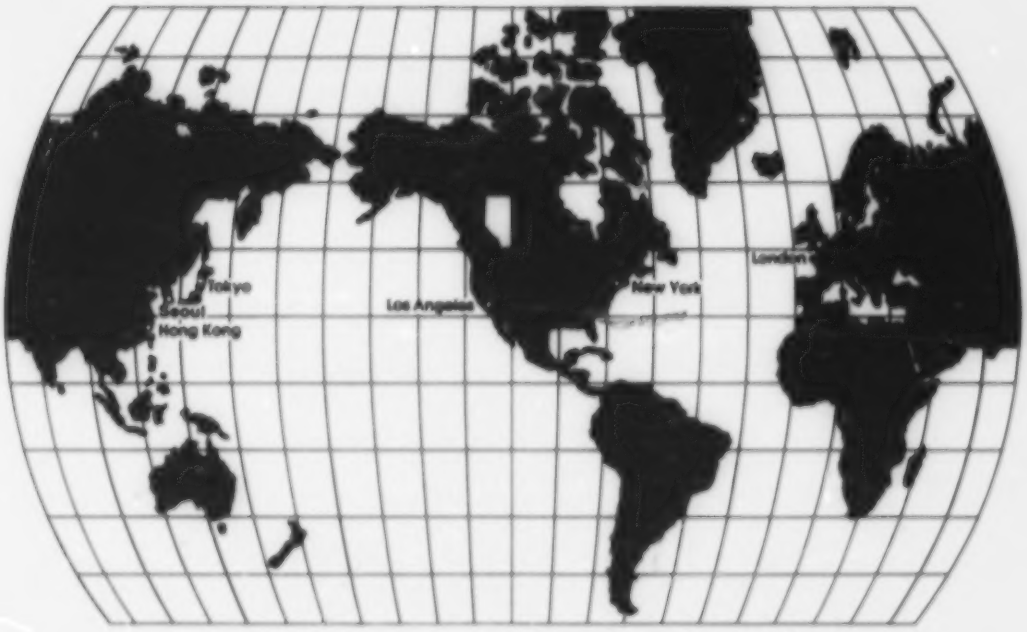

International Representatives

The Government of Alberta maintains offices in strategic locations around the world, in addition to the head office in Edmonton and branches throughout the province. Our international representatives can provide all the information required to initiate commercial or technological exchanges. They can also introduce potential investors to the unlimited opportunities available in Canada's Province of Opportunity. Feel free to use their services.

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Trade Division
11th Floor, Sterling Place
9940 - 106 Street
Edmonton, Alberta
Canada T5K 2P6
Telephone: (403) 427-4809
Facsimile: (403) 422-0127
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#1800, Royal Trust Tower
Edmonton Centre
Edmonton, Alberta
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1 Mount Street
London, England
W1Y 5AA
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Facsimile: 011-4471-629-2296
Telex: 51-23461+